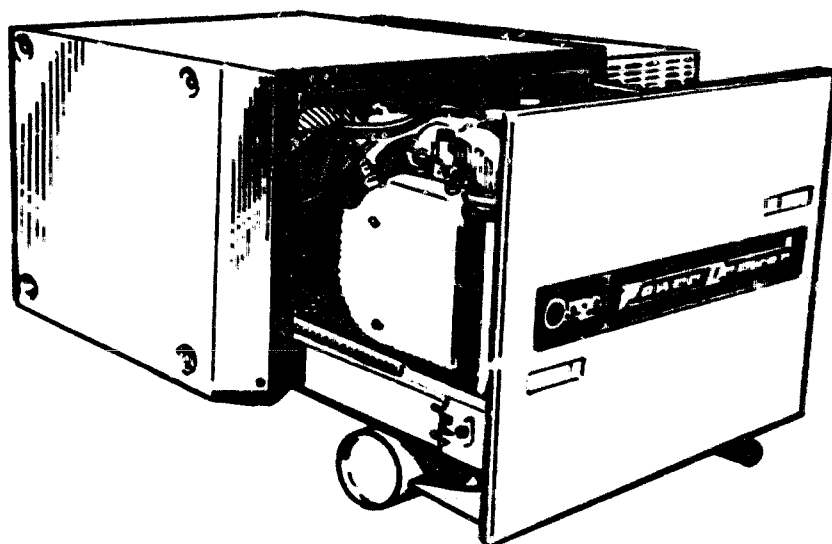


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has gaps in its page
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OPERATORS MANUAL AND PARTS CATALOG



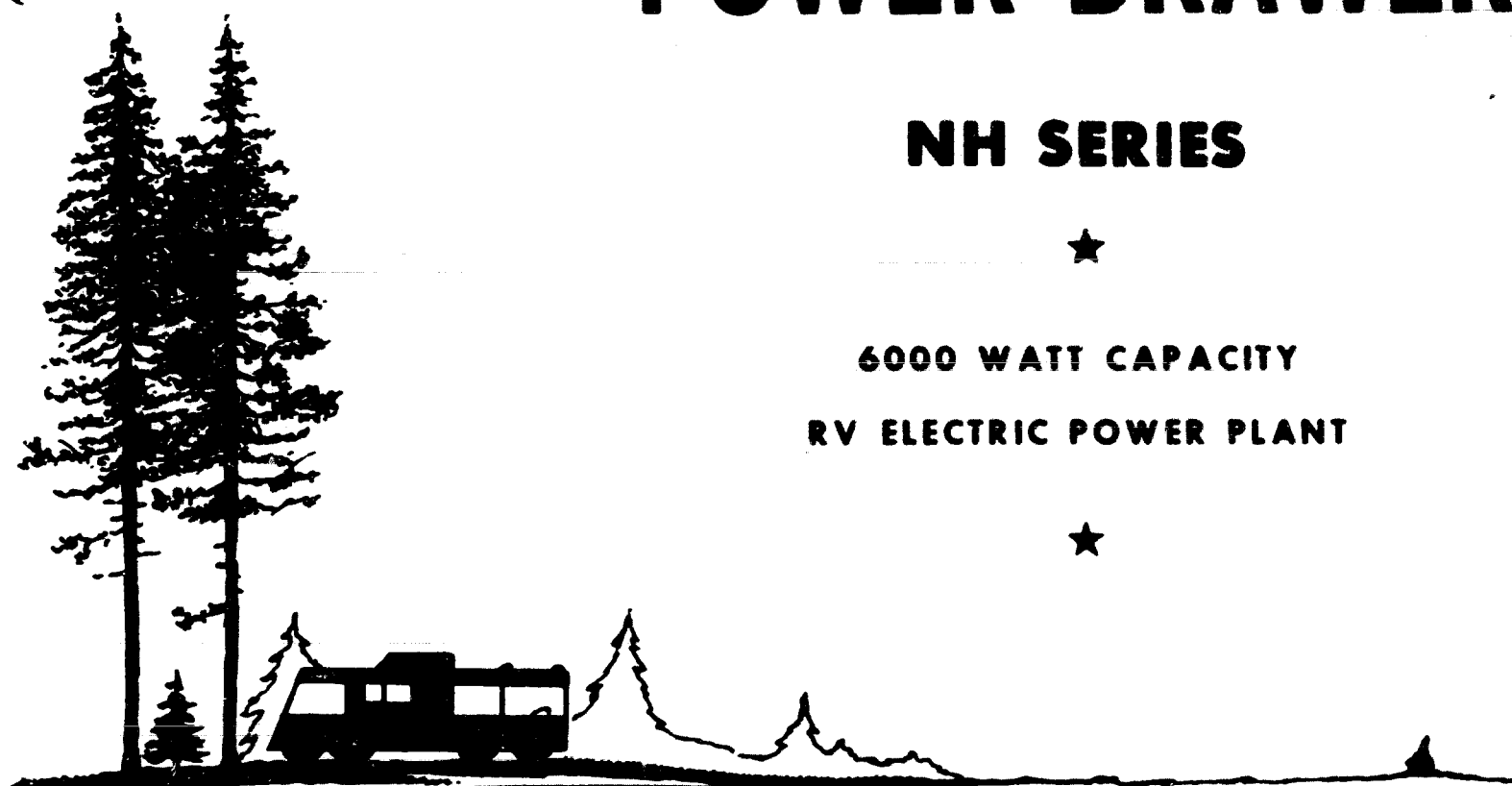
POWER DRAWER®

NH SERIES



6000 WATT CAPACITY

RV ELECTRIC POWER PLANT



FORM NUMBER

ISSUE DATE

940-0315

6A73

GENERAL INFORMATION

INSTRUCTIONS FOR ORDERING REPAIR PARTS

For parts or service, contact the dealer from whom you purchased this equipment or refer to your Nearest Authorized Onan Parts and Service Center.

To avoid errors or delay in filling your parts order, please furnish all information requested.

Always refer to the nameplate on your unit.

1. Always give the MODEL, SPEC NO. and SERIAL NO.

The diagram shows a rectangular nameplate with two circular mounting holes at the top. At the top center is the text "McGRAW-EDISON". Below it is the "Onan" logo. Under the logo is a large rectangular box labeled "MODEL AND SPEC NO.". Below that is another rectangular box labeled "SERIAL NO.". The bottom right corner of the nameplate is torn. To the right of the nameplate, the number "85-1140" is printed.

For handy reference, insert "YOUR" nameplate information in the spaces above.

2. Do not order by reference number; always use part number and description.
3. Give the part number, description and quantity needed of each item. If an older part cannot be identified, return the part prepaid to your dealer or nearest Onan Parts and Service Center. Print your name and address plainly on the package. Write a letter to the same address stating the reason for returning the part.
4. State definite shipping instructions. Any claim for loss or damage to your unit in transit should be filed promptly against the transportation company making the delivery. Shipments are complete unless the packing list indicates items are back ordered.

Prices are purposely omitted from this Parts Manual due to the confusion resulting from fluctuating costs, import duties, sales taxes, exchange rates, etc.

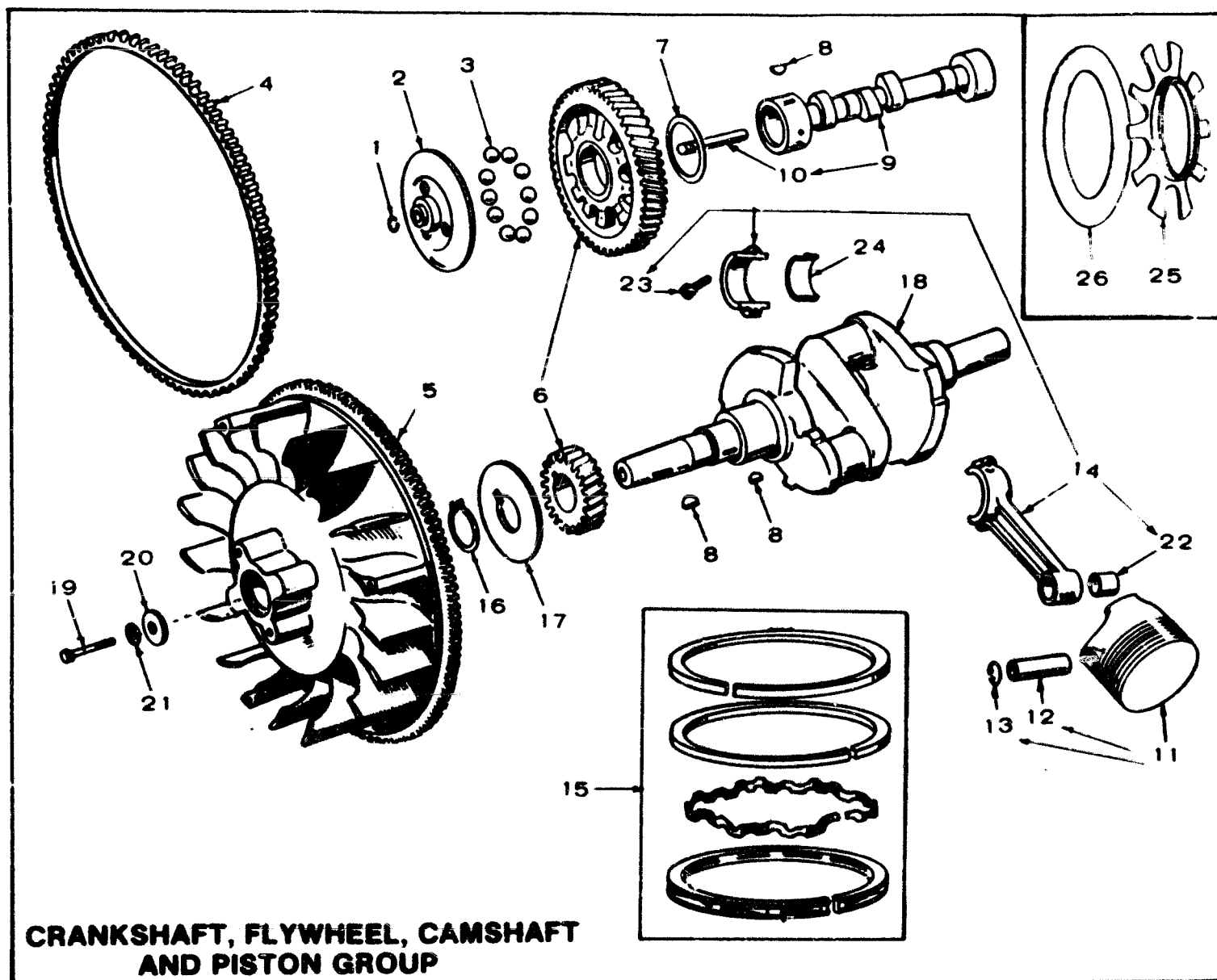
For current parts prices, consult your Onan Dealer, Distributor or Parts and Service Center.

"En esta lista de partes los precios se omiten de proposito, ya que bastante confusion resulto de fluctuaciones de los precios, derechos aduanales, impuestos de venta, cambios extrajeros, etc."

Consiga los precios vigentes de su distribuidor de productos "ONAN."

MICROFICHE INDEX #229

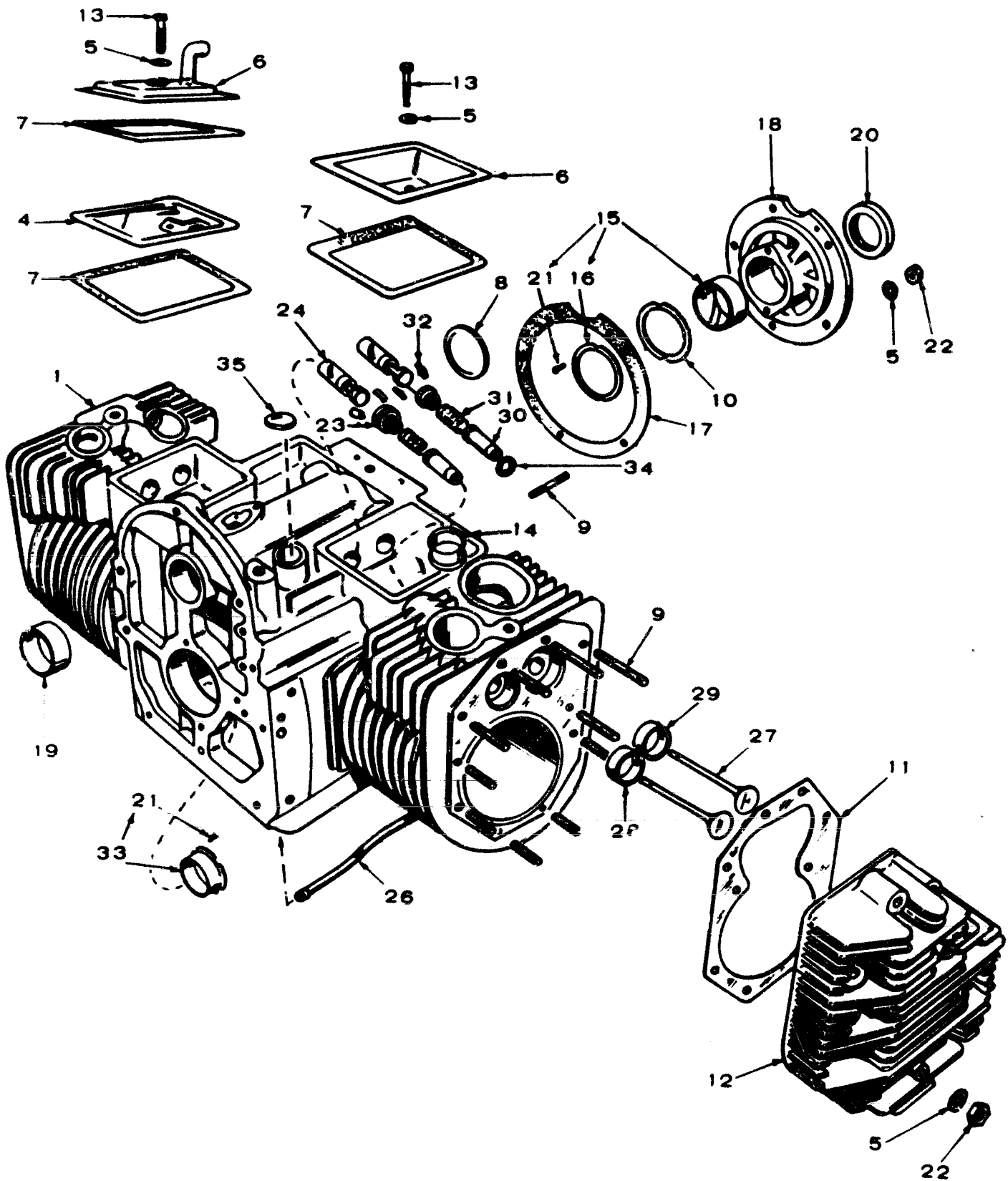
<u>FICHE LOCATION</u>		<u>ILLUSTRATION</u>
B5	*****	Carburetor Parts Group
B1	*****	Chassis Group
B1	*****	Control Group
A4	*****	Crankshaft, Flywheel, Camshaft & Piston Group
A5	*****	Cylinder Block Group
A12	*****	Fuel Pump Parts Group
A11	*****	Fuel System Group
A10	*****	Gear Cover Group
B6	*****	Generator Group
A13	*****	Governor, Starater, Charging Alternator & Blower Housing Group
A9	*****	Ignition Group
A7	*****	Oil System Group
B7	*****	Service Kits
A8	*****	Starting Motor Parts Group (191-0922)
A14	*****	Starting Motor Parts Group (191-1052)



CRANKSHAFT, FLYWHEEL, CAMSHAFT AND PISTON GROUP

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION	REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	150-0078	1	Ring, Camshaft Center Pin	15	RING SET, PISTON		
2	150-0612	1	Cup, Governor	113-0165	2	Standard	
3	510-0015	10	Ball, Fly - Governor	113-0165-05	2	.005" Oversize	
4	134-0673	1	Gear, Ring - Flywheel	113-0165-10	2	.010" Oversize	
5	134-2603	1	Flywheel (Includes Ring Gear and Magnet Ring)	113-0165-20	2	.020" Oversize	
6	105-0353	1	Gear Set, Timing (Includes Camshaft and Crankshaft Gears)	113-0165-30	2	.030" Oversize	
7	105-0004	1	Washer, Camshaft Gear Thrust	113-0165-40	2	.040" Oversize	
8	KEY			16	518-0014	1	Lock, Crankshaft Gear Washer
	515-0001	1	Camshaft Gear Mounting	17	104-0043	1	Washer, Crankshaft Gear Retaining
	515-0001	1	Crankshaft Gear Mounting	18	104-0843	1	Crankshaft
	515-0002	1	Flywheel Mounting	19	104-0170	1	Screw, Hex Cap - Flywheel Mounting (7/16-14 x 4")
9	105-0382	1	Camshaft (Includes Center Pin)	20	526-0185	1	Washer, Flat - Flywheel Mounting
10	150-0075	1	Pin, Camshaft Center	21	850-0055	1	Washer, Lock - Flywheel Mounting
11	PISTON AND PIN (INCLUDES RETAINING RINGS)			22	114-0036	2	Bushing, Piston Pin - Connecting Rod
	112-0141	2	Standard	23	805-0010	4	Bolt, Place - Connecting Rod Cap
	112-0141-05	2	.005" Oversize	24	BEARING HALF, CONNECTING ROD		
	112-0141-10	2	.010" Oversize	114-0188	4	Standard	
	112-0141-20	2	.020" Oversize	114-0188-02	4	.002" Undersize	
	112-0141-30	2	.030" Oversize	114-0188-10	4	.010" Undersize	
	112-0141-40	2	.040" Oversize	114-0188-20	4	.020" Undersize	
12	112-0112	2	Pin, Piston	114-0188-30	4	.030" Undersize	
13	518-0294	4	Ring, Piston Pin Retaining	25	150-1257	1	Spacer, Governor Fly Ball
14	114-0203	2	Rod Assembly (Includes Bushing and Bolts)	26	150-0077	1	Plate, Governor Fly Ball

CYLINDER BLOCK GROUP

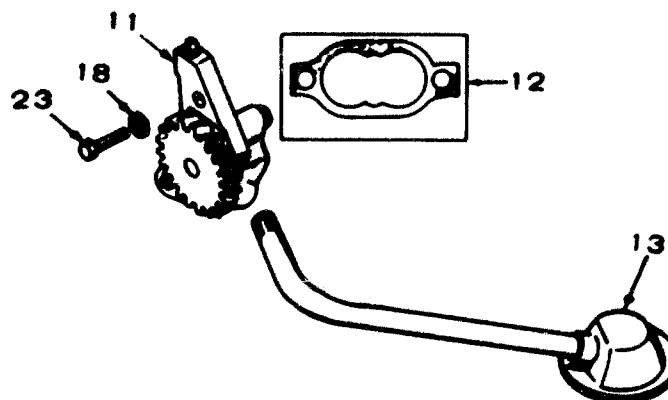
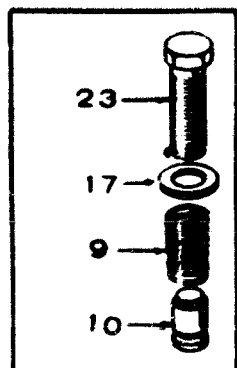
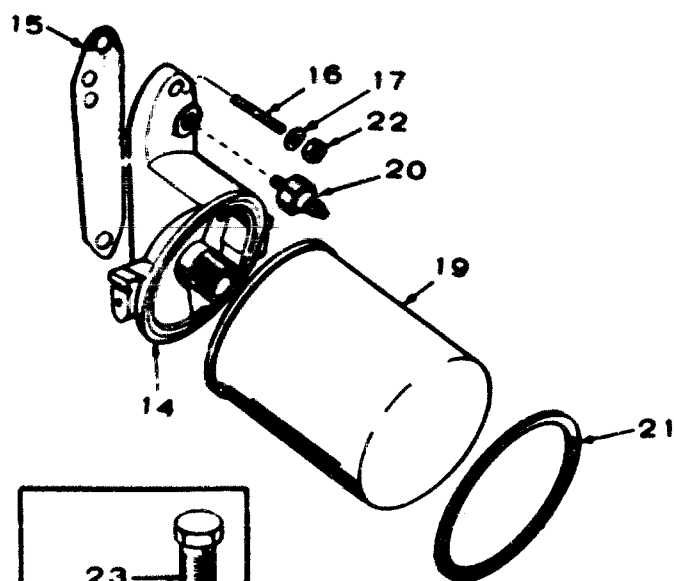
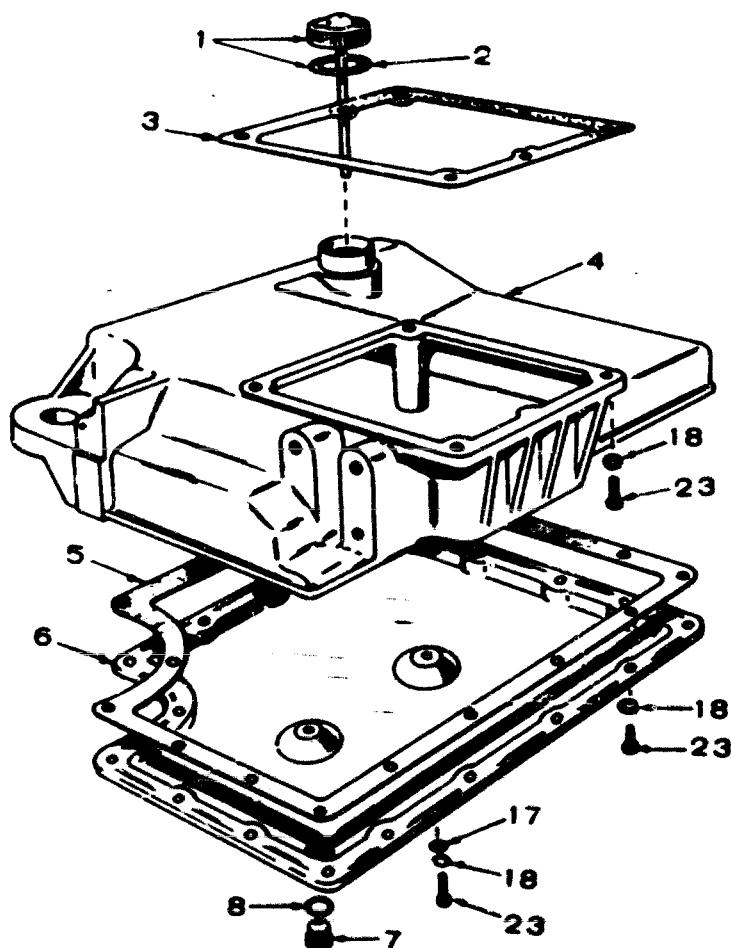


REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	110-1976	1	Block Assembly, Cylinder (Includes parts marked * Plus Intake and Exhaust Manifold Studs)
4	123-1215	1	Baffle, Assembly Breather
5	WASHER, FLAT 526-0063	2	Valve Compartment Cover (1/4" - Copper)
	526-0250	20	Cylinder Head Studs (3/8" - Steel)
	526-0251	5	*Rear Bearing Plate Mounting (3/8" - Steel)
6	COVER, VALVE COMPARTMENT 110-1969	1	Cover with Tube for Breather Hose (L.H.)
	110-1624	1	Cover without Tube for Breather Hose (R.H.)
7	110-1720	3	Gasket, Valve Cover
8	517-0048	1	*Plug, Camshaft Expansion
9	STUD 520-0715	8	*Cylinder Head (3/8 x 2-3/4")
	520-0716	4	*Cylinder Head (3/8 x 2-1/2")
	520-0717	8	*Cylinder Head (3/8 x 1-7/8")
	520-0736	5	*Rear Bearing Plate Mounting (3/8 x 1-21/32")
10	104-0776	As Req.	*Shim, Rear Bearing Plate (.005")
11	110-1731	2	Gasket, Cylinder Head
12	HEAD, CYLINDER 110-1905	1	Right Side (#2 Cylinder)
	110-1906	1	Left Side (#1 Cylinder)
13	SCREW, HEX CAP 800-0013	1	Valve Cover Mounting (1/4-20 x 2") (L.H.)
	800-0009	1	Valve Cover Mounting (1/4-20 x 1-3/4") (R.H.)
14	154-1424	2	Insert, Exhaust Port
15	BEARING, CRANKSHAFT - REAR 101-0420	1	*Standard
	101-0420-02	1	.002" Undersize
	101-0420-10	1	.010" Undersize
	101-0420-20	1	.020" Undersize
	101-0420-30	1	.030" Undersize
16	104-0575	2	*Washer, Crankshaft Bearing Thrust

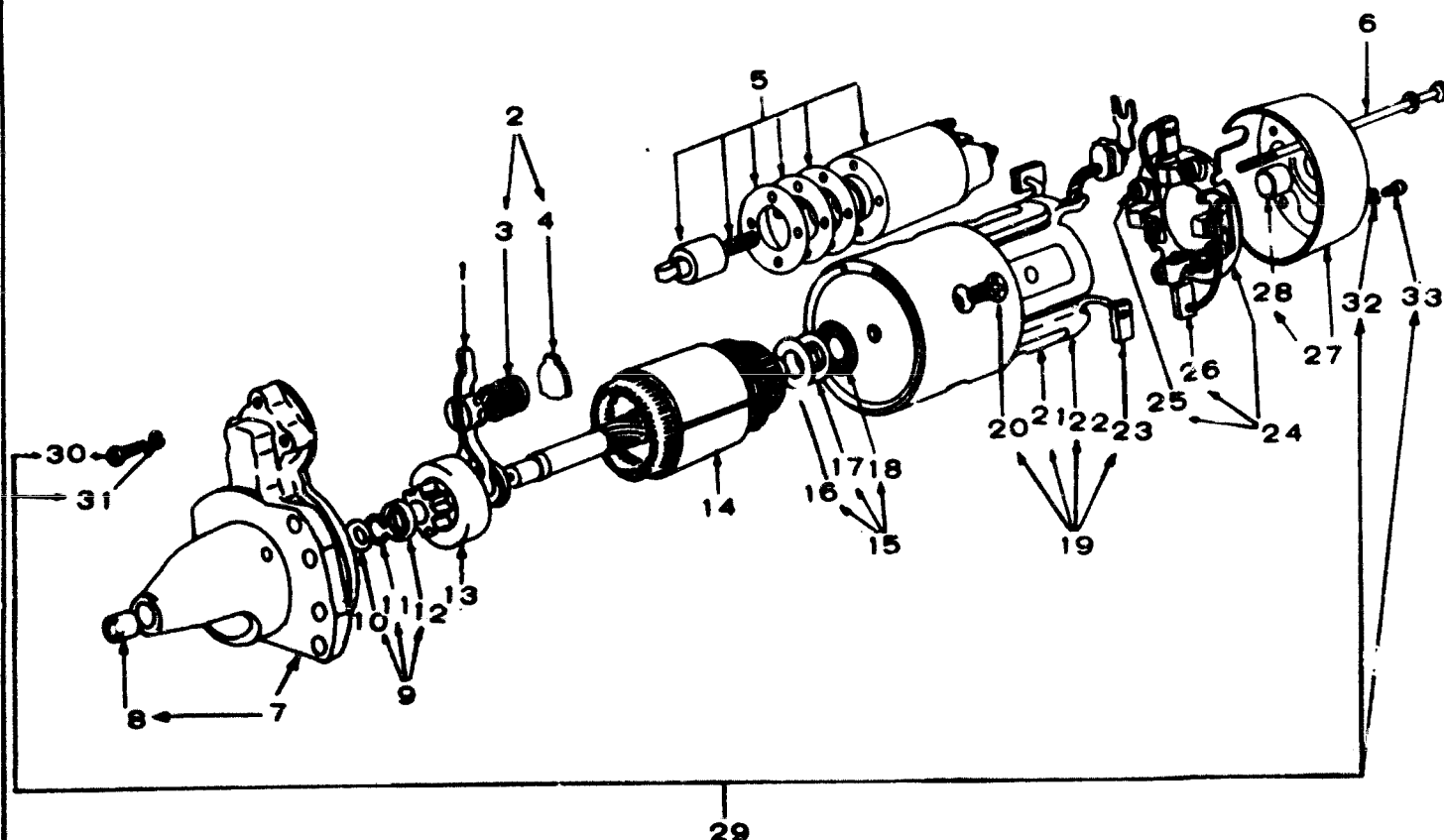
REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
17	101-0415	1	*Gasket, Bearing Plate
18	101-0439	1	*Plate, Rear Bearing (Excludes Bearing)
19	101-0405	2	Bearing, Camshaft (Precision)
20	509-0041	1	*Seal, Bearing Plate
21	516-0072	4	*Pin, Main Bearing Stop
22	NUT, HEX 104-0091	20	Cylinder Head (3/8-24)
	104-0091	4	Rear Bearing Plate (3/8-24)
23	110-0904	4	Rotor Cap, Valve Spring
24	TAPPET, VALVE 115-0006	4	Standard
	115-0006-05	4	.005" Oversize
26	120-0680	1	*Tube, Crankcase Oil
27	VALVE 110-1756	2	Intake
	110-1719	2	Exhaust
28	INSERT, VALVE SEAT - EXHAUST 110-1716	2	*Standard
	110-1716-02	2	.002" Oversize
	110-1716-05	2	.005" Oversize
	110-1716-10	2	.010" Oversize
	110-1716-25	2	.025" Oversize
29	INSERT, VALVE SEAT - INTAKE 110-1933	2	*Standard
	110-1933-02	2	.002" Oversize
	110-1933-05	2	.005" Oversize
	110-1933-10	2	.010" Oversize
	110-1933-25	2	.025" Oversize
30	110-1939	4	*Guide, Valve
31	110-0539	4	Spring, Valve
32	110-0539	8	Lock, Valve and Spring Retainer
33	BEARING, CRANKSHAFT - FRONT 101-0432	1	*Standard
	101-0432-02	1	.002" Undersize
	101-0432-10	1	.010" Undersize
	101-0432-20	1	.020" Undersize
	101-0432-30	1	.030" Undersize
34	110-0068	2	*Gasket, Valve Guide (Intake)
35	517-0103	1	*Plug, Core Hole

* - Included in 110-1976 Cylinder Block Assembly.

OIL SYSTEM GROUP



REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	123-1166	1	Cap and Indicator - Oil Fill (Includes Gasket)
2	123-0191	1	Gasket, Oil Fill Cap and Indicator
3	102-0646	1	Gasket, Oil Base Mounting
4	102-0726	1	Base, Oil
5	102-0734	1	Gasket, Oil Pan
6	102-0738	1	Pan, Oil
7	102-0737	1	Plug, Oil Drain
8	102-0739	1	Gasket, Oil Drain Plug
9	120-0140	1	Spring, Oil By-Pass Valve
10	120-0398	1	Valve, Oil By-Pass
11	120-0491	1	Pump, Oil - Complete (NOTE: Internal parts not sold separately)
12	120-0181	1	Gasket Kit, Oil Pump
13	120-0716	1	Intake, Oil Pump (Includes Cup, Screen and Pipe)
14	122-0362	1	Adapter, Oil Filter
15	122-0321	1	Gasket, Oil Filter Adapter
16	520-0824	2	Stud, Oil Filter Adapter and Mounting Foot
17	WASHER, FLAT 526-0065	2	Oil Filter Adapter Mounting, Copper (5/16")
	526-0066	1	Oil By-Pass Valve, Copper (3/8")
	526-0066	2	Oil Base Mounting, Copper (3/8")
18	WASHER, LOCK 850-0050	2	Oil Base Mounting (3/8")
	850-0040	2	Oil Pump Mounting (1/4")
	850-0040	19	Oil Pan Mounting (1/4")
19	122-0323	1	Filter, Oil - Spin-On
20	309-0237	1	Switch, Low Oil Pressure
21	122-0347	1	Seal, Oil Filter - Air
22	110-0445	2	Nut, Oil Filter Adapter Mounting (5/16-18)
23	SCREW, HEX CAP 815-0290	18	Oil Pan Mounting (1/4-20 x 5/8")
	800-0007	2	Oil Pump Mounting (1/4-20 x 1")
	800-0539	2	Oil Base Mounting (3/8-16 x 4")
	102-0455	2	Oil Base Mounting (3/8-16 x 1-1/4")
	801-0050	1	Oil By-Pass Valve (3/8-24 x 1")



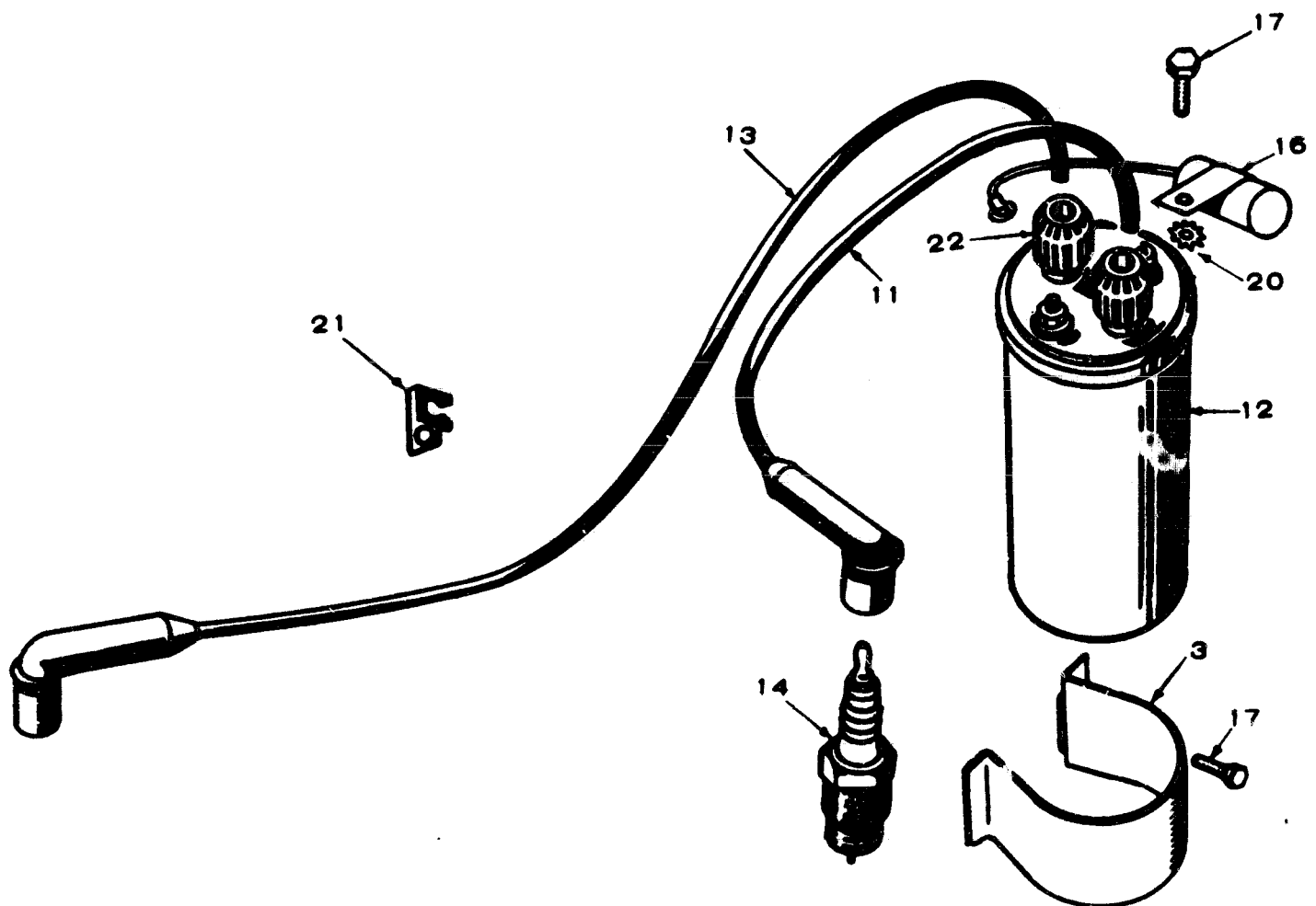
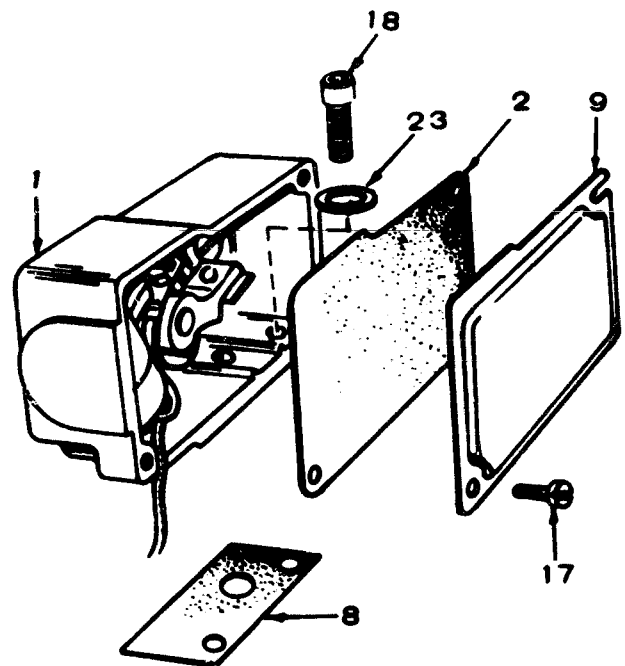
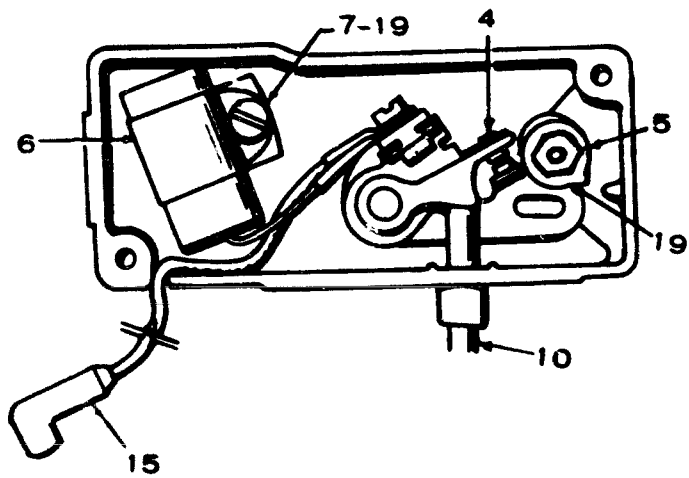
STARTING MOTOR PARTS GROUP

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
	191-0922	1	Motor, Starting
1	191-0963	1	Lever Assembly
2	191-0964	1	Spring Set
3	191-0965	1	Spring, Lever
4	191-0966	1	Packing
5	191-0967	1	Switch Assembly
6	191-0968	2	Bolt, Through
7	191-0969	1	Bracket Assembly, Front (Includes Bearing)
8	191-0990	1	Bearing, Front
9	191-0991	1	Stopper Set, Pinion (Includes Washer, Ring and Stopper)
10	191-0992	1	Washer, Flat
11	191-0993	1	Ring, Retaining
12	191-0994	1	Stopper, Pinion
13	191-0995	1	Clutch Assembly
14	191-0996	1	Armature
15	191-0997	1	Washer Set (Includes 2 plain and 1 insulated Washer)
16	191-0998	1	Washer, Plain
17	191-0999	1	Washer, Plain
18	191-1000	1	Washer, Insulating

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
19	191-1001	1	Field Coil Set (Includes Pole Shoes, Field Coil Brushes and Screws)
20	191-1002	4	Screw, Flat Head
21	191-1003	4	Pole, Shoe
22	191-1004	1	Coil, Field
23	191-1005	2	Brush (+)
24	191-1006	1	Holder Assembly, Brush (Includes Brushes and Springs)
25	191-1007	4	Spring, Brush
26	191-1008	2	Brush (-)
27	191-1009	1	Bracket Assembly, Rear (Includes Bearing)
28	191-1010	1	Bearing, Rear
29	191-1011	1	Screw Set (Includes Parts Marked *)
30	191-1012	3	*Screw, Machine - Pan Head
31	191-1013	5	*Washer, Lock
32	191-1014	2	*Washer, Lock
33	191-1015	2	*Screw, Machine - Pan Head

* - Parts contained in 191-1011 Screw Set.

IGNITION GROUP



REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	160-1158	1	Box Assembly, Breaker (Includes parts marked *)
2	160-1148	1	*Gasket, Breaker Box Cover
3	166-0603	1	Clamp, Coil Mounting
4	160-1154	1	*Point Set, Breaker
5	870-0221	1	*Nut, Hex with External Shakeproof Washer - Point Set, Mounting (#8-32)
6	312-0069	1	*Condenser, Breaker Points
7	850-0025	1	*Washer, Lock Condenser Mounting (#8)
8	160-1150	1	Gasket, Breaker Box Mounting
9	160-1149	1	*Cover, Breaker Box
10	160-1151	1	Plunger
11	167-1461	1	Cable, Spark Plug (8-1/2")
12	166-0535	1	Coil, Ignition
13	167-1548	1	Cable, Spark Plug (21")
14	167-0245	2	Plug, Spark
15	336-2132	1	*Lead Assembly, Points to Coil
16	312-0027	1	Condenser, Ignition

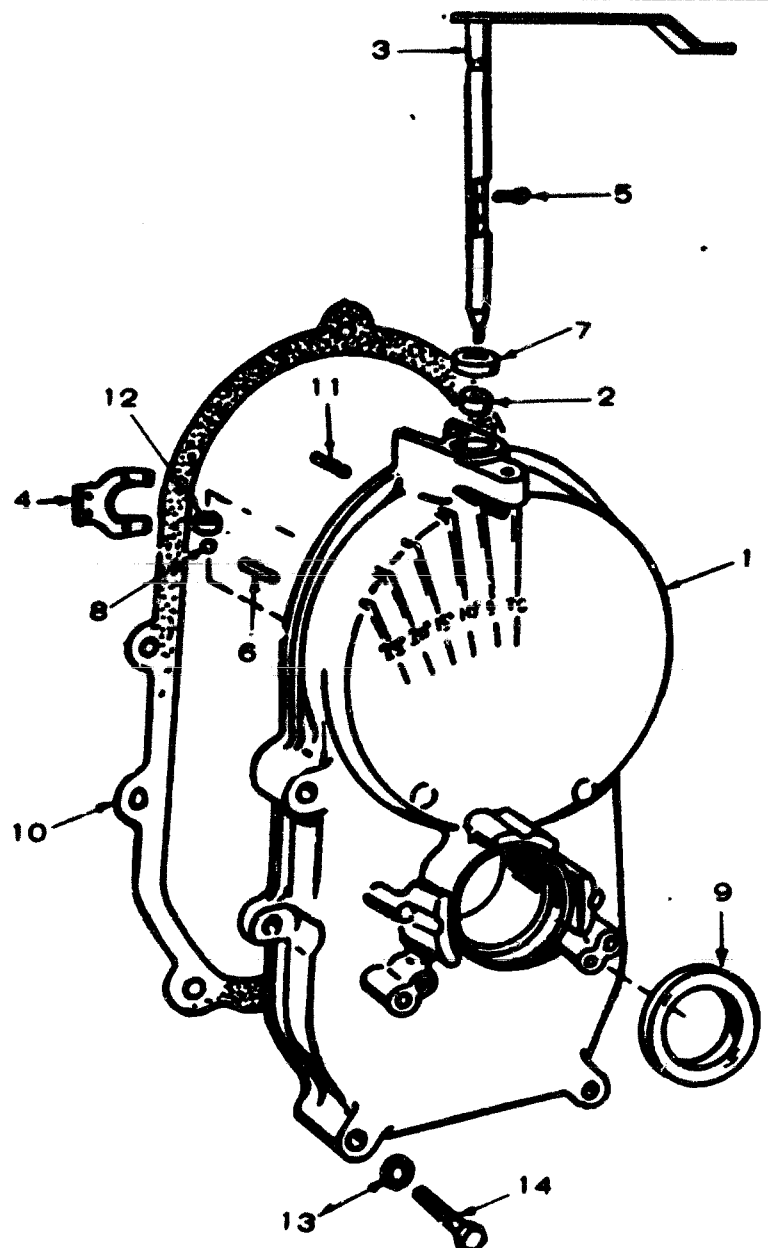
REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
17	SCREW, HEX CAP 815-0352	2	*Breaker Box Cover Mounting (#8-32 x 3/8")
	815-0350	1	Condenser Mounting (#10-32 x 3/8")
	815-0179	1	Coil Clamp Mounting (#10-32 x 3/8")
18	802-0034	2	Screw, Cap - Socket Head (1/4-20 x 3/4")
19	SCREW, SLOTTED PAN HEAD 815-0358	1	Condenser Mounting (#8-32 x 3/8")
	815-0046	1	Breaker Points Mounting (#8-32 x 3/8")
20	856-0003	1	Washer, Shakeproof - Condenser Mounting (#10)
21	167-0188	1	Support, Spark Plug Cable
22	166-0604	2	Cap, Ignition Coil (Part of Coil)
23	850-0038	2	Washer, Lock - Spring (1/4")

* - Included in 160-1158 Breaker Box Assembly.

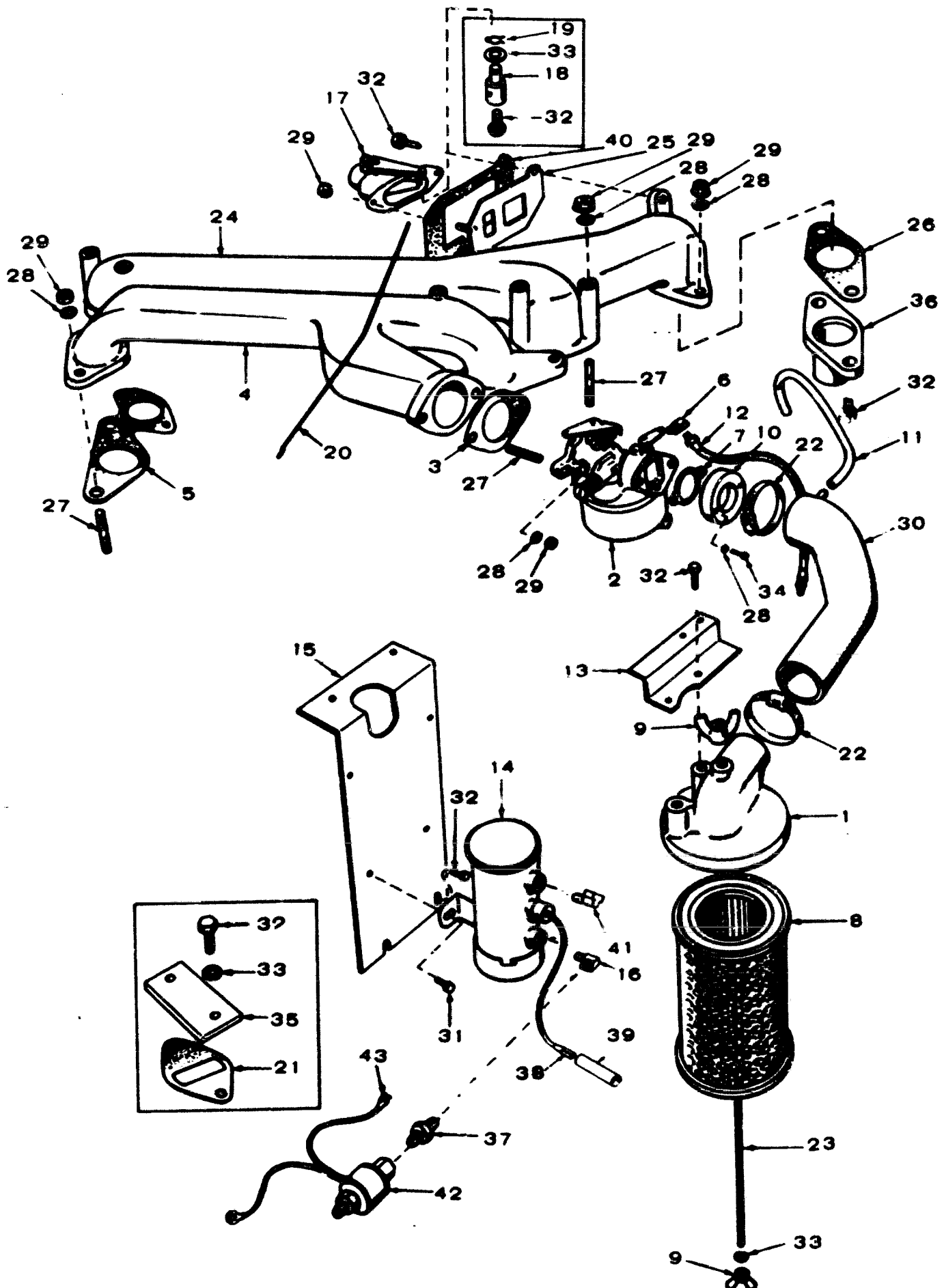
GEAR COVER GROUP

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	103-0418	1	Cover Assembly, Gear (Includes parts marked *)
2	510-0013	1	*Bearing, Governor Shaft (Upper)
3	150-1381	1	*Shaft and Arm Assembly - Governor
4	150-1187	1	*Yoke, Governor Shaft
5	815-0046	2	*Screw, Yoke Retaining
6	516-0130	1	*Pin, Governor Cup Stop
7	508-0008	1	*Seal, Oil - Governor Shaft
8	510-0014	1	*Ball, Bearing - Governor Shaft
9	508-0040	1	*Seal, Gear Cover
10	103-0408	1	Gasket, Gear Cover Mounting
11	516-0011	2	Pin, Gear Cover (5/16 x 1-1/8")
12	510-0008	1	*Bearing, Governor Shaft (Lower)
13	526-0065	5	Washer, Flat - Gear Cover Mounting (5/16" Copper)
14	SCREW, HEX CAP - GEAR COVER MOUNTING 800-0032	4	5/16-18 x 1-3/4"
	800-0034	1	5/16-18 x 2-1/4"

* - Included in 103-0418 Gear Cover Assembly.



FUEL SYSTEM GROUP

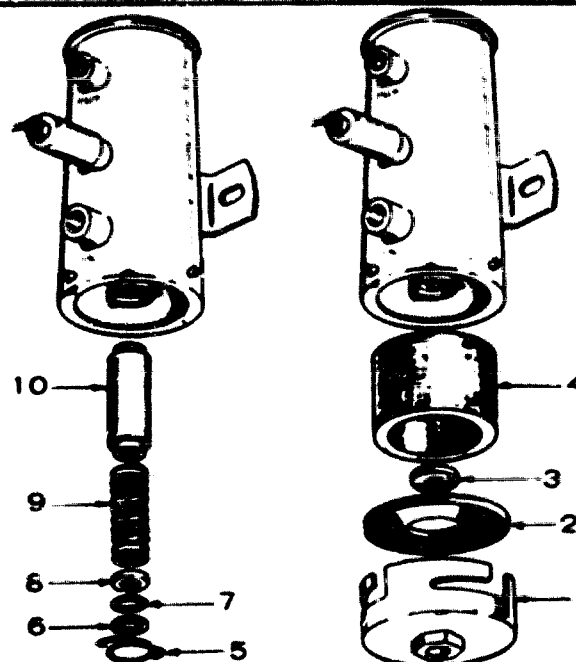


REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	140-1225	1	Adapter, Air Cleaner
2	146-0188	1	Carburetor
3	141-0078	1	Gasket, Carburetor Mounting
4	154-1547	1	Manifold, Intake
5	154-1555	2	Gasket, Intake and Exhaust Manifold
6	502-0020	1	Elbow, Carburetor Inlet
7	145-0111	1	Gasket, Air Cleaner Adapter
8	140-1229	1	Element, Air Cleaner
9	865-0006	2	Nut, Wing - Air Cleaner
10	145-0444	1	Adapter, Carburetor to Inlet Hose
11	503-0672	1	Hose, Breather
12	501-0003	1	Line, Flex - Fuel
13	140-1226	1	Bracket, Air Cleaner Mounting
14	149-0850	1	Pump, Fuel
15	149-1316	1	Bracket, Fuel Pump and Regulator Mounting
16	502-0156	1	Elbow, Fuel Pump Inlet
17	153-0223	1	Choke, Sisson
18	152-0155	1	Swivel, Choke Linkage
19	516-0059	1	Pin, Cotter - Choke Swivel
20	153-0455	1	Linkage, Choke
21	149-0003	1	Gasket, Fuel Pump Hole Cover
22	503-0365	2	Clamp, Air Inlet Hose
23	520-0821	1	Bolt, Air Cleaner Mounting
24	154-1532	1	Manifold, Exhaust
25	153-0452	1	Plate, Choke Mounting
26	154-1383	1	Gasket, Exhaust Manifold
27	STUD		
	520-0717	4	Intake Manifold Mounting
	520-0328	2	Carburetor Mounting
	520-0818	4	Exhaust Manifold Mounting
28	WASHER, LOCK		
	850-0045	2	Exhaust Flange to Manifold (5/16")
	850-0040	2	Carburetor Mounting (1/4")
	850-0050	4	Intake Manifold Mounting (3/8")
	850-0045	4	Exhaust Manifold Mounting (5/16")
29	NUT, HEX		
	862-0015	2	Exhaust Tube to Manifold (5/16-18)

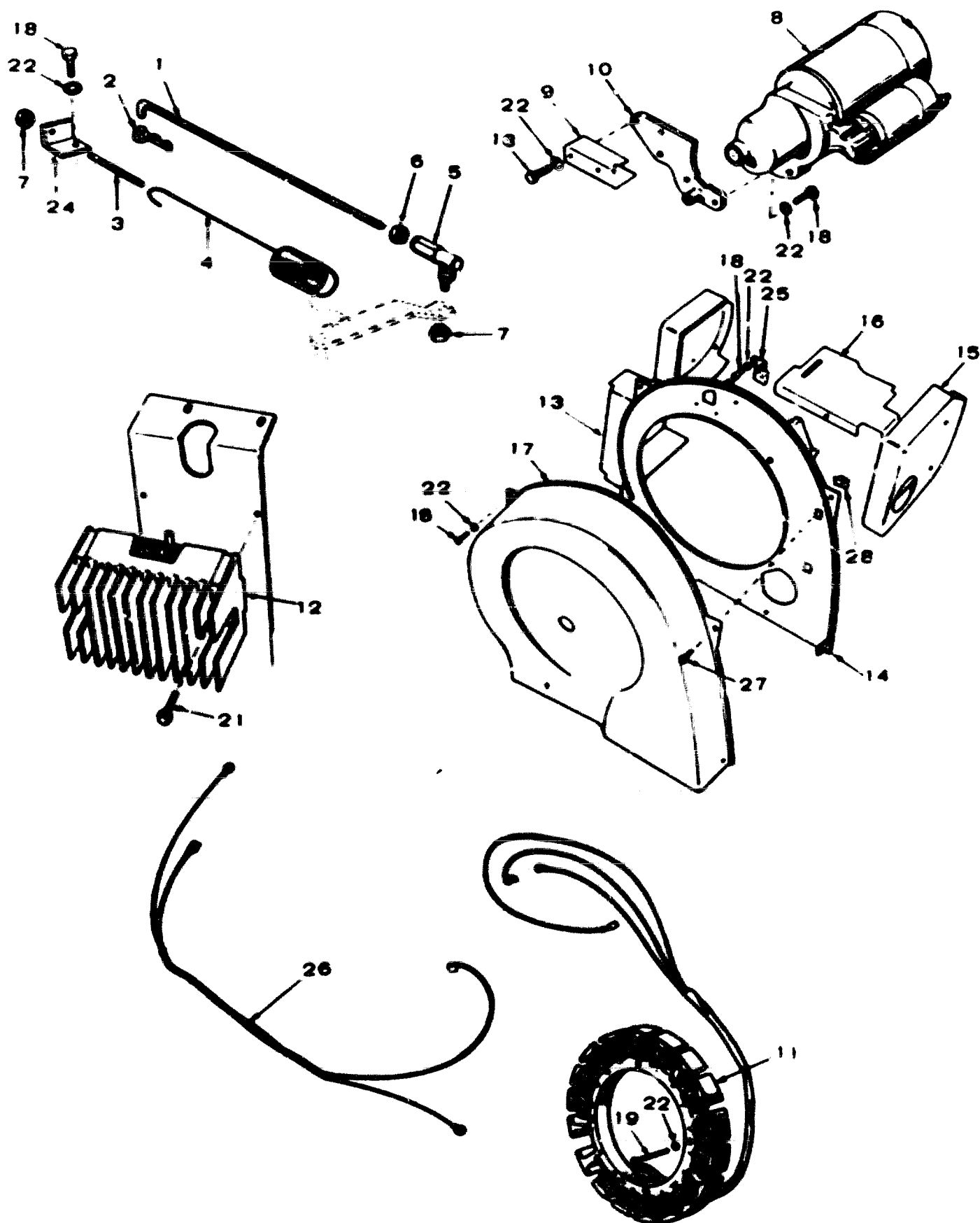
REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
	104-0091	4	Intake Manifold Mounting (3/8-24)
	110-0445	4	Exhaust Manifold Mounting (5/16-24)
	115-0025	2	Carburetor Mounting (1/4-28)
	870-0212	2	Choke Mounting (1/4-20) - Self Locking
30	503-0671	1	Hose Air Inlet
31	821-0009	2	Screw, Self Locking - Fuel Pump Mounting (1/4-20 x 3/8")
32	SCREW, HEX CAP		
	815-0261	4	Fuel Pump and Regulator Bracket Mounting (#10-32 x 5/16")
	815-0381	1	Choke Swivel (#8-32 x 5/16")
	800-0003	2	Fuel Pump Hole Cover Mounting (1/4-20 x 1/2")
	821-0010	2	Choke Plate Mounting (1/4-20 x 1/2") - Self Locking
	800-0030	2	Exhaust Flange to Manifold (5/16-18 x 1-1/4")
	821-0010	2	Air Cleaner Adapter to Bracket (1/4-20 x 1/2") - Self Locking
33	WASHER, FLAT		
	526-0015	1	Choke Swivel
	526-0052	1	Air Cleaner Mounting
	526-0063	2	Fuel Pump Hole Cover Mounting
34	815-0105	2	Screw, Fillister Head - Air Cleaner Adapter Mounting (#8-32 x 7/8")
35	149-0136	1	Cover, Fuel Pump Hole in Cylinder Block
36	154-1580	1	Flange, Exhaust Outlet
37	502-0082	1	Nipple, Pipe - Hex
38	332-0529	1	Terminal, Fuel Pump Lead
39	332-0556	1	Connector, Fuel Pump Lead
40	153-0026	1	Gasket, Choke Mounting
41	502-0089	1	Elbow, Reducer - Fuel Pump Outlet
42	307-1279	1	Solenoid Valve, Fuel
43	332-1477	1	Terminal, Flat - Fuel Valve

FUEL PUMP PARTS GROUP

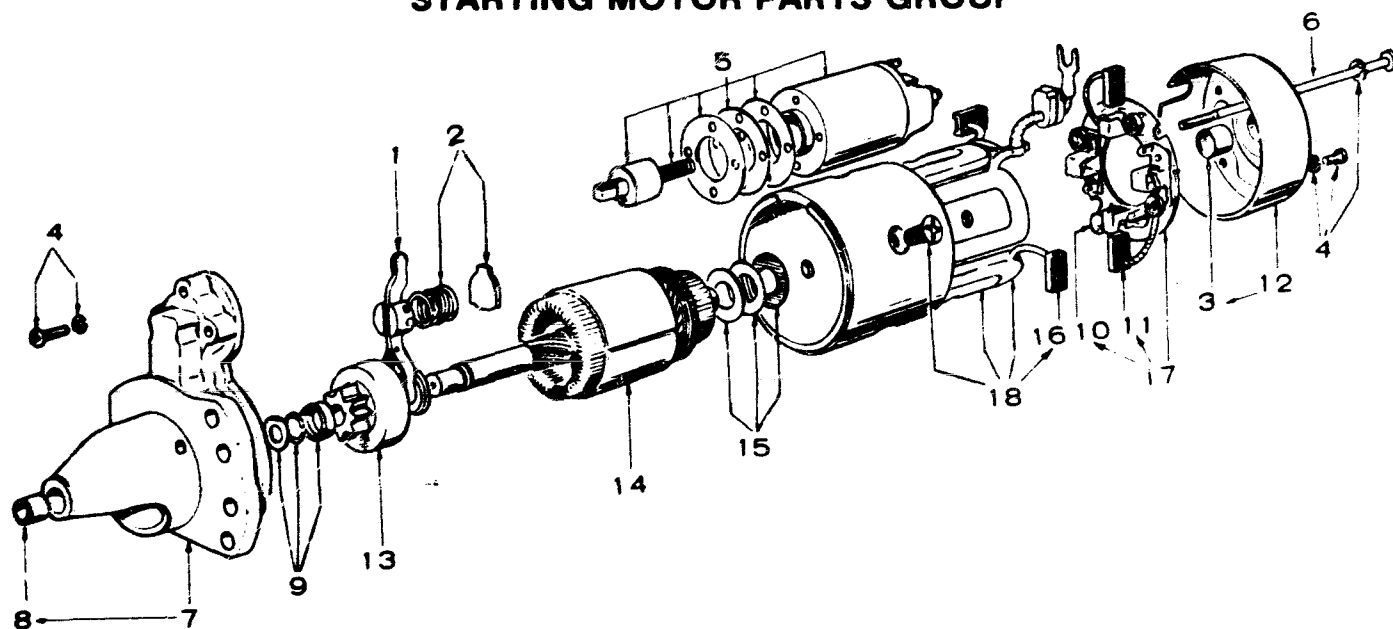
REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
	149-0850	1	Pump, Fuel
1	149-1453	1	Cover
2	149-1446	1	Gasket, Cover
3	149-1447	1	Magnet
4	149-1445	1	Filter
5	149-1448	1	Retainer, Cup and Plunger
6	149-1449	1	Washer, Cup Gasket
7	149-1450	1	Gasket, Spring Cup
8	149-1451	1	Spring Cup and Valve
9	149-0767	1	Spring, Plunger Return
10	149-1452	1	Plunger



GOVERNOR, STARTER, CHARGING ALTERNATOR AND BLOWER HOUSING GROUP

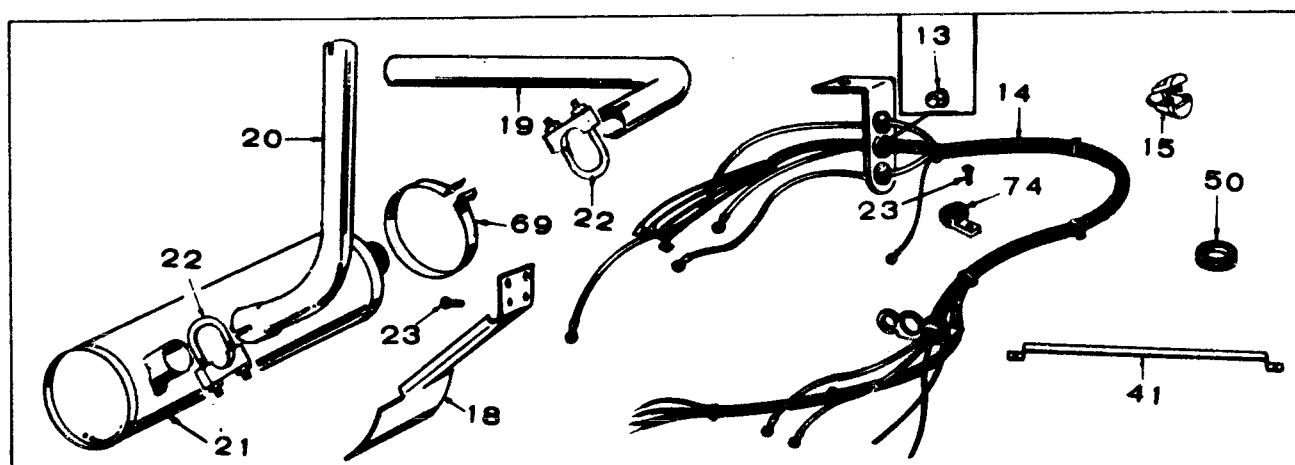
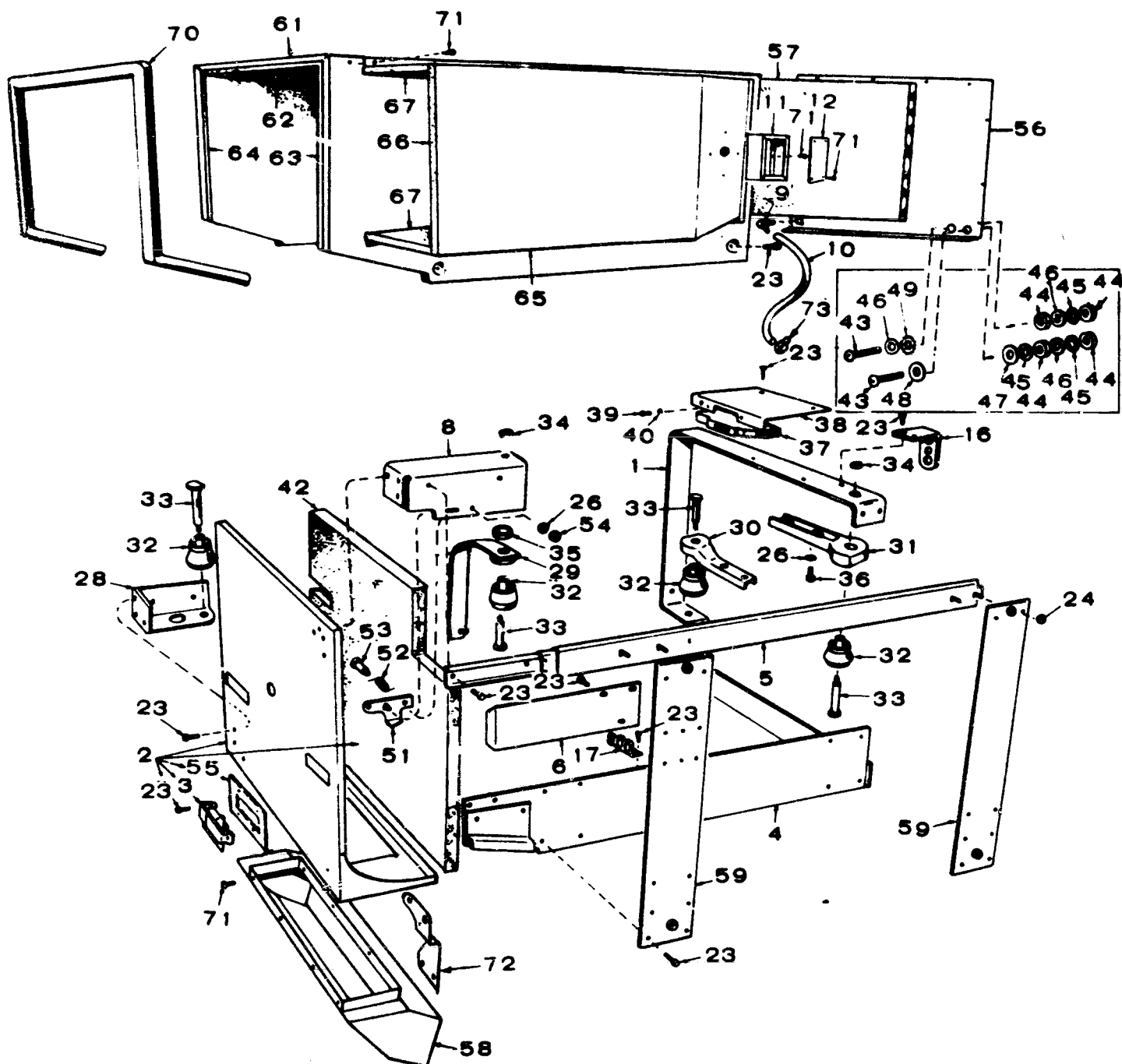


<u>REF. NO.</u>	<u>PART NO.</u>	<u>QTY. USED</u>	<u>PART DESCRIPTION</u>
	800-0004	1	Governor Bracket Mounting (1/4-20 x 5/8")
	800-0051	3	Starting Motor Bracket Mounting (3/8-16 x 1-1/4")
	800-0051	2	Starting Motor to Bracket (3/8-16 x 1/4")
19	813-0108	2	Screw, Round Head - Stator Mounting (#10-32 x 1-1/2")
21	821-0018	2	Screw, Self Locking - Regulator Mounting (1/4-20 x 5/8")
22	WASHER, LOCK		
	850-0050	2	Starting Motor to Bracket (3/8")
	850-0050	3	Starting Motor Bracket Mounting (3/8")
	850-0030	3	Stator Mounting (#10)
	850-0040	2	Scroll Cover Mounting (1/4")
	850-0040	1	Governor Bracket Mounting (1/4")
24	150-1388	1	Bracket Governor Spring Adjusting
25	134-2596	1	Bracket, Scroll Mounting
26	338-0709	1	Harness Wiring Alternator
27	809-0059	2	Screw, Sheet Metal - Scroll Cover Mounting (1/4 x 1/2")
28	870-0106	2	Nut, Speed.- Scroll Cover Mounting



* - Included in Brush Holder

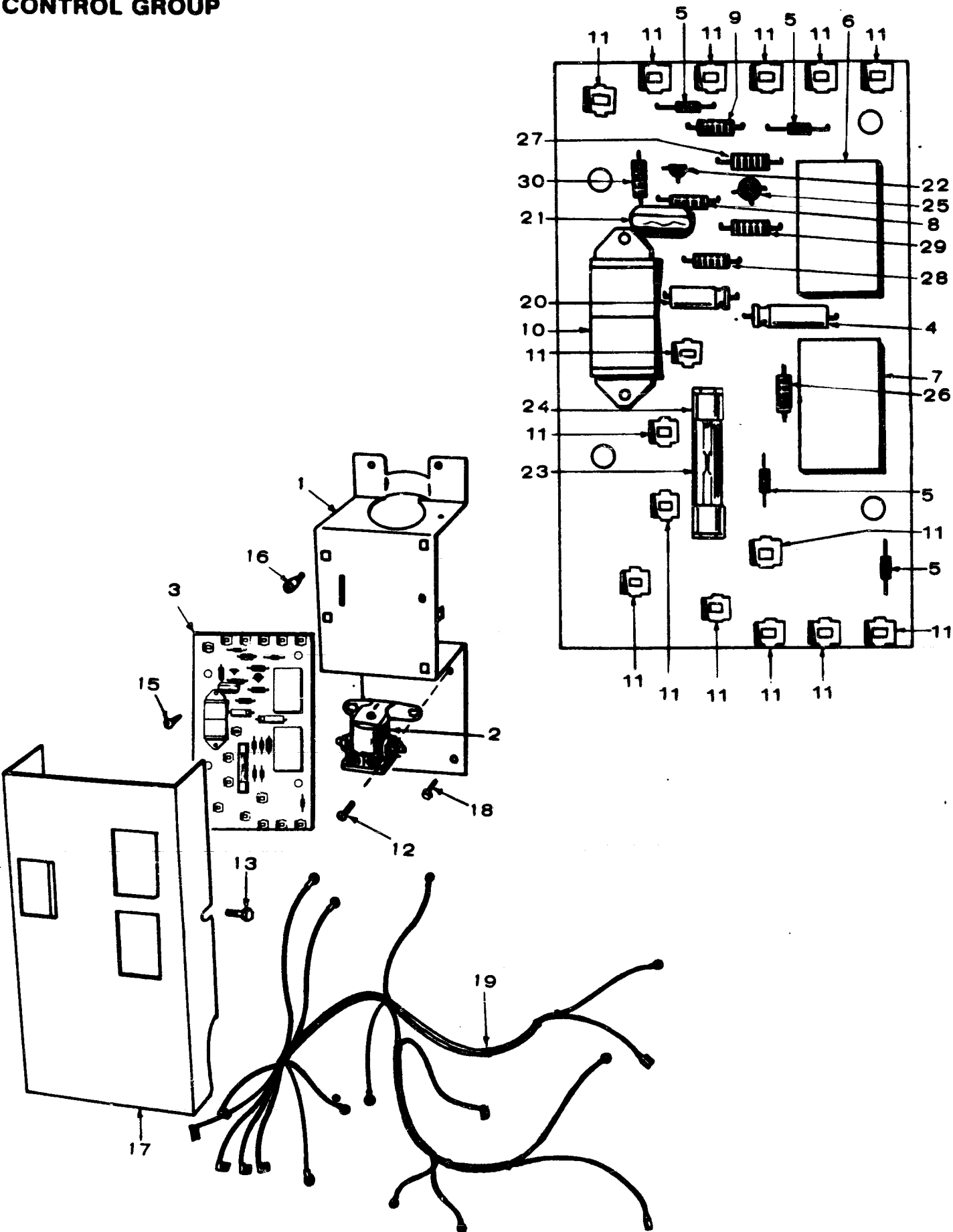
CHASSIS GROUP



REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	405-2073	1	Yoke, Generator Support
2	405-2070	1	Door, Slide Out (Includes Latches and Insulation)
3	406-0372	2	Latch, Door
4	405-2046	1	Base, Mounting
5	405-2074	2	Slide
6	405-2075	2	Bracket, Latch Strike
8	403-1032	1	Bracket, Engine Mounting
9	502-0313	1	Connector Elbow - Fuel Line
10	503-0687	1	Hos, Fuel
11	301-3639	1	Box, Junction
12	301-3640	1	Cover, Junction Box
13	331-0102	1	Bushing (Part of Wiring Harness)
14	338-0711	1	Harness, Wiring - Chassis
15	508-0179	4	Relief, Strain (Part of Wiring Harness)
16	301-3612	1	Bracket, Harness Mounting (Part of Wiring Harness)
17	301-3613	1	Bracket, Harness Mounting (Part of Wiring Harness)
18	155-1238	1	Bracket, Muffler Hanger
19	155-1265	1	Tube, Exhaust Extension
20	155-1260	1	Tube, Exhaust
21	155-1222	1	Muffler, Exhaust
22	155-1015	3	Clamp, Exhaust
23	SCREW, HEX CAP		
	815-0261	6	Striker Catch Mounting (1/4-20 x 1/2")
	815-0261	16	Hanger Bracket Mounting (1/4-20 x 1/2")
	815-0261	6	Door Mounting (1/4-20 x 1/2")
	815-0261	3	Wiring Harness Brackets Mounting (1/4-20 x 1/2")
	815-0261	2	Circuit Breaker Bracket Mounting (1/4-20 x 1/2")
	815-0261	2	Muffler Bracket Mounting (1/4-20 x 1/2")
	815-0376	8	Door Latch Mounting (#10-32 x 3/4")
	815-0261	2	Harness Clamp Mounting (1/4-20 x 1/2")
	815-0261	6	Cover, Mounting (1/4-20 x 1/2")
24	870-0212	9	Nut, Self Locking - Slide Rail Mounting (1/4-20)
26	WASHER, LOCK		
	850-0050	4	Generator Support Mounting (3/8")
	850-0038	1	Safety Latch Mounting (1/4")
28	403-1033	1	Bracket, Engine End - Left Side
29	403-1022	1	Foot Assembly, Engine Mounting - Right Side
30	232-2363	1	Support Generator - Left Side
31	232-2364	1	Support Generator - Right Side
32	402-0284	4	Cushion, Mount
33	402-0412	4	Bolt, Cushion Mounting
34	870-0281	4	Nut, Self Locking - Cushion Mounting
35	402-0413	1	Spacer, Cushion Mounting - Engine End - Right Side
36	800-0051	4	Screw, Hex Cap - Generator Support (3/8-16 x 1-1/4")
37	320-0052	1	Breaker, Circuit
38	405-2003	1	Bracket, Circuit Breaker Mounting

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
39	812-0059	2	Screw, Round Head - Circuit Breaker Mounting (#6-32 x 1/4")
40	850-0020	2	Washer, Lock - Circuit Breaker Mounting (#6)
41	405-2007	1	Bracket, Fuel Line Return
42	405-2071	1	Insulation, Door
43	810-0181	2	Screw, Round Head Brass - Battery Cable Terminal (5/16-18 x 1-1/4")
44	871-0025	4	Nut, Hex Brass - Battery Cable Terminals (5/16-18)
45	854-0017	3	Washer, Internal Shakeproof - Battery Cable Terminals (5/16")
46	526-0054	3	Washer, Flat - Battery Cable Terminals (5/16")
47	508-0019	1	Washer, Fibre - Battery Cable Terminals (5/16")
48	508-0181	1	Washer, Fibre - Battery Cable Terminals (5/16")
49	856-0008	2	Washer, External - Internal Shakeproof - Battery Cable Terminals (5/16")
50	508-0008	1	Grommet, Battery Cable Through Pan
51	405-2008	1	Lever, Safety Latch
52	405-2081	1	Spring, Safety Stop Latch
53	150-1146	1	Screw, Lever Engage
54	115-0025	1	Nut, Hex - Safety Latch (1/4-28)
55	405-2076	2	Spacer, Door Latch Mounting
56	405-2063	1	Panel, Rear Housing (Includes Insulation)
57	405-2065	1	Insulation, Rear Panel
58	405-2089	1	Duct, Exhaust Air
59	405-2051	4	Bracket, Hanger
61	405-2058	1	Cover, Generator Set (Includes Insulation)
62	405-2060	1	Insulation, Cover Top
63	405-2062	1	Insulation, Cover Right Side
64	405-2061	1	Insulation, Cover Left Side
65	405-2053	1	Duct Assembly (Includes Insulation)
66	405-2055	1	Insulation, Duct (Side)
67	405-2056	2	Insulation, Duct (Top and Bottom)
69	503-0681	2	Clamp, Muffler
70	SEAL, WEATHER PROOF		
		1	Door (Order 65" of Bulk Seal Number 895-150)
		1	Bottom Panel (Order 29" of Bulk Seal Number 895-0151)
71	SCREW, SHEET METAL		
	815-0335	10	Duct Assembly Mounting (#10)
	815-0335	10	Back Panel Mounting (#10)
	815-0335	8	Outlet Duct Mounting (#10)
	815-0335	4	Outlet Box Mounting (#10)
	809-0044	4	Outlet Box Cover Mounting (#10)
72	155-1269	1	Bracket, Muffler Mounting
73	503-0685	2	Clamp, Fuel Line
74	CLAMP, HARNESS		
	332-1553	1	1"
	332-1554	1	1/2"

CONTROL GROUP

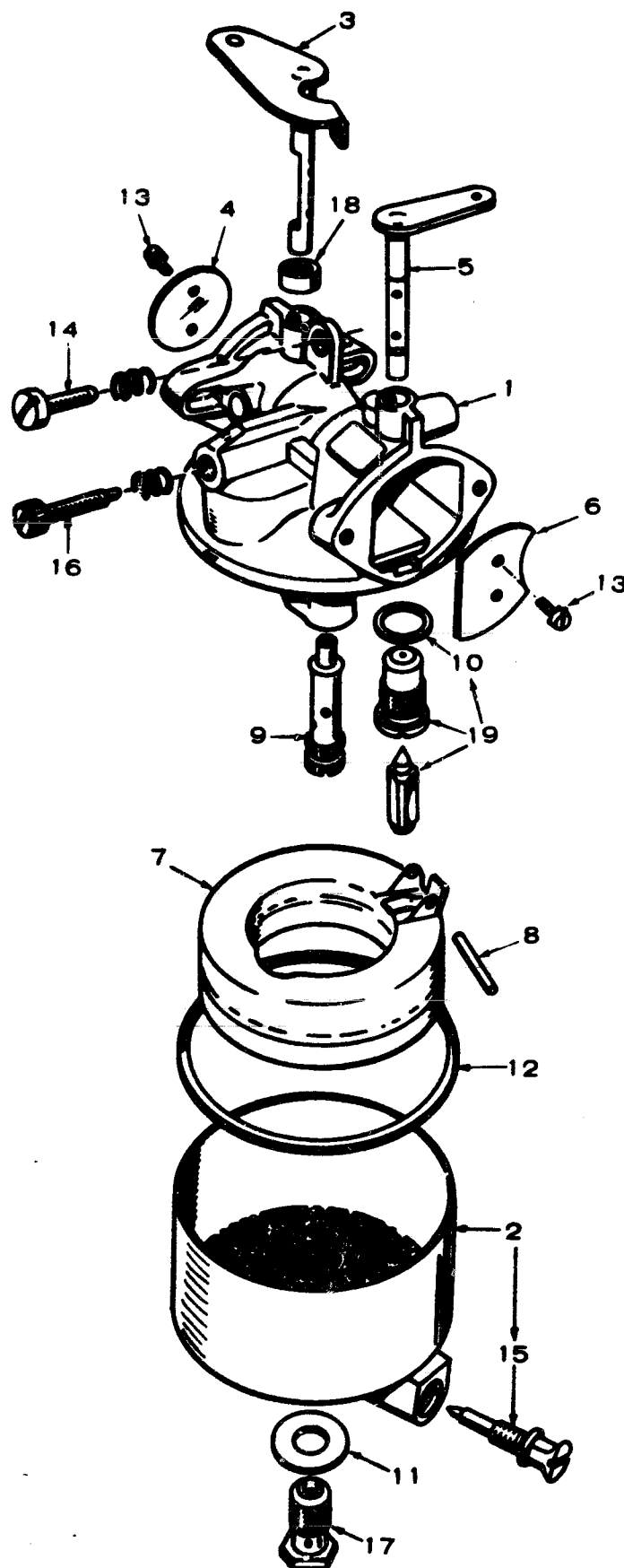


<u>REF. NO.</u>	<u>PART NO.</u>	<u>QTY. USED</u>	<u>PART DESCRIPTION</u>
1	301-3596	1	Bracket, Control and Coil Mounting
2	307-0345	1	Relay - Start Solenoid
3	300-0944	1	Control Assembly (Includes Parts Marked *)
4	356-0058	1	*Capacitor (100 Mfd. 25 VDC)
5	357-0004	4	*Rectifier, Silicon
6	307-1197	1	*Relay, Start Disconnect
7	307-1196	1	*Relay, Engine Stop
8	350-0524	1	*Resistor (100-Ohm, 1/2 Watt)
9	350-0526	1	*Resistor (330-Ohm, 1/2 Watt)
10	308-0320	1	*Switch
11	332-1511	15	*Tab, Stake
12	821-0009	2	Screw, Self Locking - Start Solenoid Mounting (1/4-20 x 3/8")
13	815-0379	2	Screw, Hex Head - Control Cover Mounting (#10 x 1/2")
15	815-0382	4	Screw, Sheet Metal - Control to Bracket (#8 x 1")

<u>REF. NO.</u>	<u>PART NO.</u>	<u>QTY. USED</u>	<u>PART DESCRIPTION</u>
16	070-0280	4	Nut, Insulating - Control to Bracket
17	301-3597	1	Cover, Control
18	815-0261	4	Screw, Control Bracket Mounting - Hex Cap (#10-32 x 5/16")
19	338-0687	1	Harness, Wiring - Control to Engine
20	356-0046	1	*Capacitor (5 Mfd., 25 Volt)
21	355-0025	1	*Capacitor (.1 Mfd., 100 Volt)
22	364-0017	1	*Rectifier, Gate Control
23	321-0181	1	*Fuse, 5 Amp
24	321-0163	2	*Clip, Fuse Holder
25	361-0006	1	*Transistor, Unijunction
26	350-0370	1	*Resistor (200-Ohm, 1/2 Watt)
27	350-0568	1	*Resistor (470 K Ohm, 1/2 Watt)
28	350-0421	1	*Resistor (27 K Ohm, 1/2 Watt)
29	350-0416	1	*Resistor (16 K Ohm, 1/2 Watt)
30	350-0325	1	*Resistor (2.7-Ohm, 1/2 Watt)

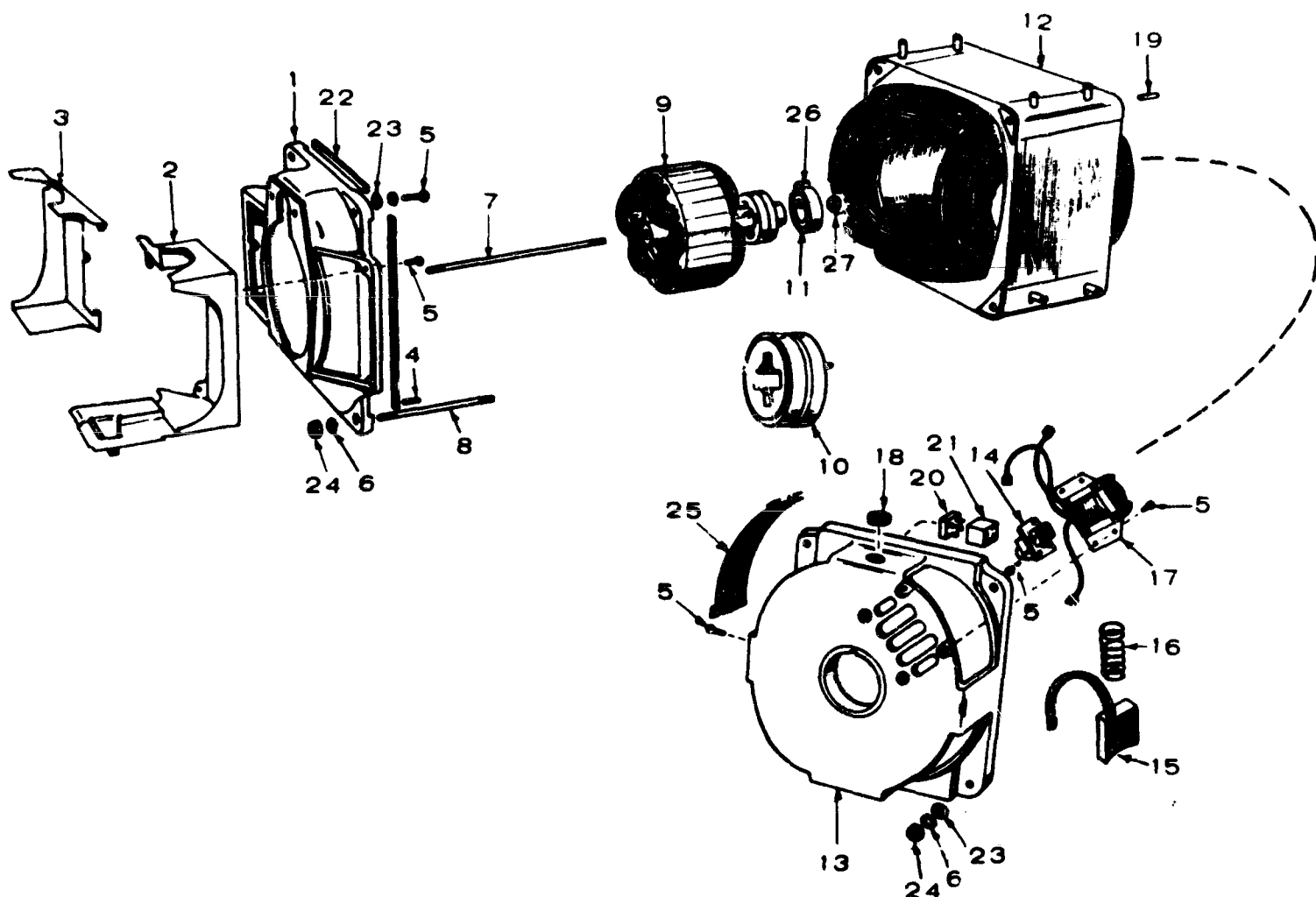
* - Parts Included in the 300-0944 Control Assembly.

CARBURETOR PARTS GROUP



REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
	146-0188	1	Carburetor Assembly (Complete)
1	146-0189	1	Body, Carburetor
2	146-0171	1	Bowl Assembly (Includes Power Needle and Screen)
3	146-0172	1	Shaft, Throttle
4	146-0173	1	Valve, Throttle
5	146-0174	1	Shaft, Choke
6	146-0175	1	Valve, Choke
7	146-0176	1	Float Assembly
8	146-0111	1	•Shaft, Float
9	146-0190	1	Nozzle
10	146-0182	1	*Gasket, Valve Seat
11	146-0183	2	*Gasket, Bowl Nut
12	146-0184	1	*Gasket, Body to Bowl
13	146-0142	4	Screw and Washer Assembly
14	146-0186	1	Spring and Screw, Adjusting
15	146-0187	1	•Needle Assembly - Power
16	146-0116	1	•Needle Assembly - Idle
17	146-0177	1	Retainer, Bowl
18	146-0178	1	Seal, Throttle Shaft
19	146-0179	1	•Float, Valve Seat and Gasket Assembly
	141-0078	1	*Gasket, Mounting Flange
	146-0185	1	•Kit, Gasket (Includes Parts Marked *)
	146-0180	1	*Kit, Repair (Includes Parts Marked •)

* - Parts contained in the 146-0185 Gasket Kit.
 • - Parts contained in the 146-0180 Repair Kit.



GENERATOR GROUP

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION	REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	231-0162	1	Adapter, Control	10	204-0115	1	Ring, Collector
2	134-2626	1	Duct, Generator Air, Starter Baffle and Oil Filter Drain (Right Side)	11	510-0047	1	Bearing, Ball
3	134-2600	1	Duct, Generator Air (Left Side)	12	.	1	Frame and Stator, Wound
4	516-0182	4	Pin, Roll - Generator Adapter	13	211-0224	1	Bell, End
5	SCREW, HEX HEAD			14	212-0351	2	Block Assembly (Includes Brushes and Springs)
	815-0340	6	Air Duct Mounting (#10-32 x 3/8")	15	214-0096	4	Brush
	800-0050	4	Adapter Mounting (3/8-16 x 1-1/4")	16	212-1232	4	Spring, Brush
	815-0359	4	Brush Block Mounting (#10-32 x 7/8")	17	.	1	Reactor, Compounding
	815-0374	1	Rectifier Mounting (#8-32 x 1-1/4")	18	508-0178	1	Grommet, Output Leads
	815-0359	4	Reactor Mounting (#10-32 x 7/8")	19	516-0182	4	Pin, Roll - End Bell
6	850-0045	8	Washer, Lock - Generator Through Stud (5/16")	20	305-0519	1	Plug, Rectifier Bridge
7	520-0784	1	Stud, Rotor Through	21	305-0517	1	Bridge, Rectifier
8	520-0730	4	Stud, Generator Mounting	22	232-2368	4	Seal, Generator to Adapter
9	.	1	Armature Assembly, Wound (Includes Bearing and Collector Ring)	23	WASHER, FLAT		
					526-0115	4	Generator Through Stud
					526-0066	4	Adapter Mounting
				24	862-0015	8	Nut, Hex - Generator Through Stud
				25	234-0461	3	Screen, End Bell
				26	232-0596	1	Clip, Generator Bearing Stop
				27	870-0273	1	Nut, Rotor Through Stud

* - Order by description giving complete Model, Spec and Serial Number.

SERVICE KITS

168-0127	1	Gasket Kit, Carbon Removal
168-0125	1	Gasket Kit, Engine
522-0270	1	Overhaul Kit

SUPPLEMENT INDEX FOR NH SERIES - 940-0315

SUPPLEMENT NO.	DATE	FICHE LOCATION
900-0194	12/75	E3
940-1012	11/77	E7

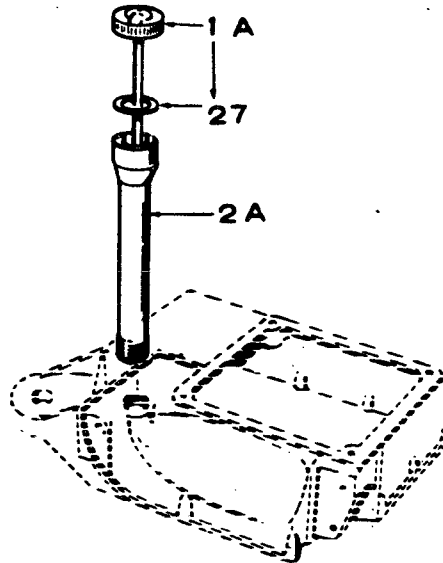
900-0194

SUPPLEMENTARY PARTS LIST (12/75)

These parts apply to the 4.0BF-1R/9500 and 6.0NH-1R/9500 Power Drawer Electric Power Plants. Use these parts in place of/or in addition to those parts listed in the Operators Manual and Parts catalog designated below. Parts listed apply to both models unless otherwise stated.

Parts similar in appearance to those in the parts catalog are not illustrated.

MODEL	OPERATORS MANUAL AND PARTS CATALOG
4.0BF-1R/9500	965-0315
6.0NH-1R/9500	940-0315



OIL SYSTEM GROUP

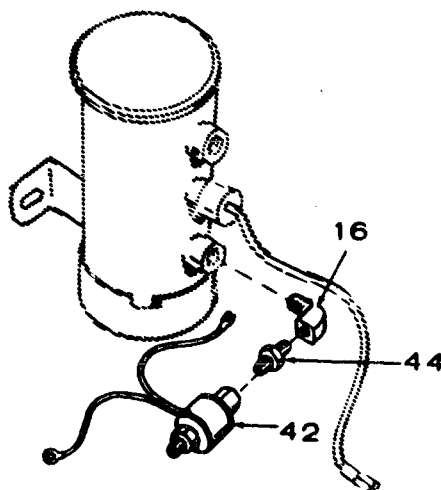
REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	123-1164	1	Cap and Indicator, Oil Fill - used up to Serial #I753125014-BF only
1A	123-1162	1	Cap and Indicator, Oil Fill - (Includes Gasket) - used beginning Serial #I753125015-BF Only
2	123-1208	1	Tube, Oil Fill - Used up to Serial #I753125014 - BF Only
2A	123-1179	1	Tube, Oil Fill - Used beginning Serial #I753125015 - BF Only
7	PLUG, OIL DRAIN (Order by Size)		
	102-0716	1	1/2"
	102-0737	1	3/4"
8	GASKET, OIL DRAIN PLUG (Order by Size)		
	102-0743	1	1/2"
	102-0739	1	3/4"
26	502-0196	1	Elbow, (90°) - Street - Low Oil Pressure Switch - NH Only
27	123-0191	1	Gasket, Oil Fill Cap - BF Only

CYLINDER BLOCK GROUP

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
30	110-1807	4	Guide, Valve (Included in Cylinder Block Assembly) - BF Only

CRANKSHAFT, FLYWHEEL, CAMSHAFT AND PISTON GROUP

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
11	PISTON AND PIN (INCLUDES RETAINING RINGS) - NH Only		
	112-0141	2	Standard
	112-0141-05	2	.005" Oversize
	112-0141-10	2	.010" Oversize
	112-0141-20	2	.020" Oversize
	112-0141-30	2	.030" Oversize
	112-0141-40	2	.040" Oversize



FUEL SYSTEM GROUP

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
12	LINE, FLEXIBLE FUEL (Order by Length)		
	501-0001	1	6" Long
	501-0003	1	9" Long
16	ELBOW (90°) - STREET - FUEL PUMP INLET		
	502-0020	1	BF
	502-0196	1	NH
37	502-0002	1	Elbow - Fuel Pump Outlet
41	DELETE		
42	307-1279	1	Valve, Solenoid
44	502-0082	1	Nipple - Hex - Fuel Pump Inlet

CARBURETOR PARTS GROUP

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
11	GASKET, BOWL RETAINER (INCLUDED IN GASKET KIT)		
	146-0183	1	Black
	146-0196	1	Red

GEAR COVER GROUP

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
13	526-0065	5	Washer (5/16") Copper - Gear Cover Mounting

GOVERNOR, STATOR, CHARGING ALTERNATOR AND BLOWER HOUSING GROUP

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
3	150-1418	1	Stud, Governor Adjusting - BF (
12.	191-1106	1	Regulator, 12 Volt

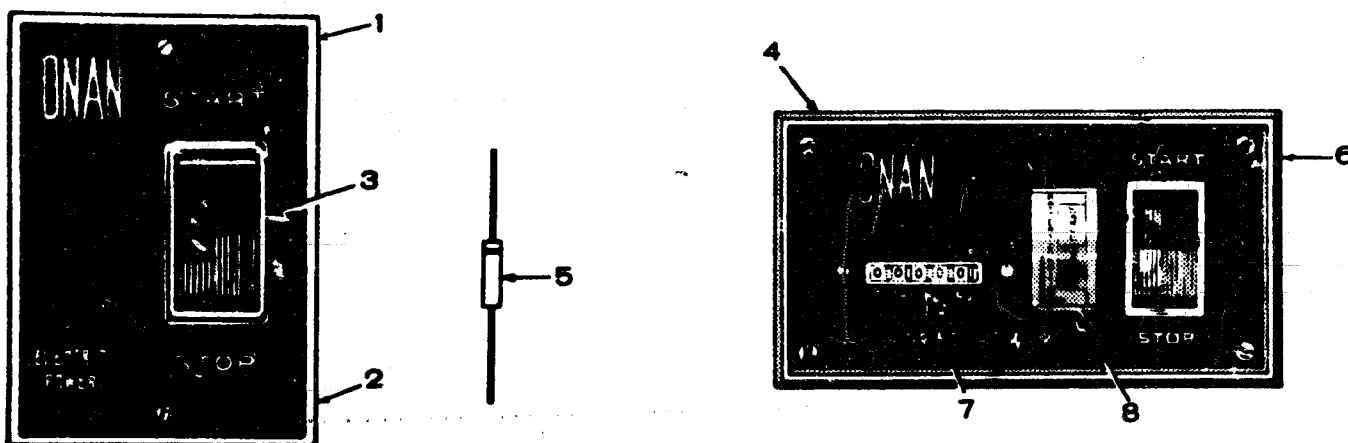
IGNITION GROUP

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
16	312-0027	1	Condenser, Ignition

GENERATOR GROUP

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
9	ARMATURE ASSEMBLY, WOUND		
	201-1986	1	*BF Only - Used up to Serial #I753125014
	201-1988	1	BF Only - Used beginning Serial #I753125015
12	FRAME AND STATOR, WOUND		
	220-1857	1	*BF Only - Used up to Serial #753125014
	220-1859	1	BF Only - Used beginning Serial #I753125015
17	REACTOR		
	315-0380	1	BF Only - Used up to Serial #I753125014
	315-0410	1	BF Only - Used beginning Serial #I753125015

* These parts no longer available - order both 201-1988 and 220-1859 for replacement.

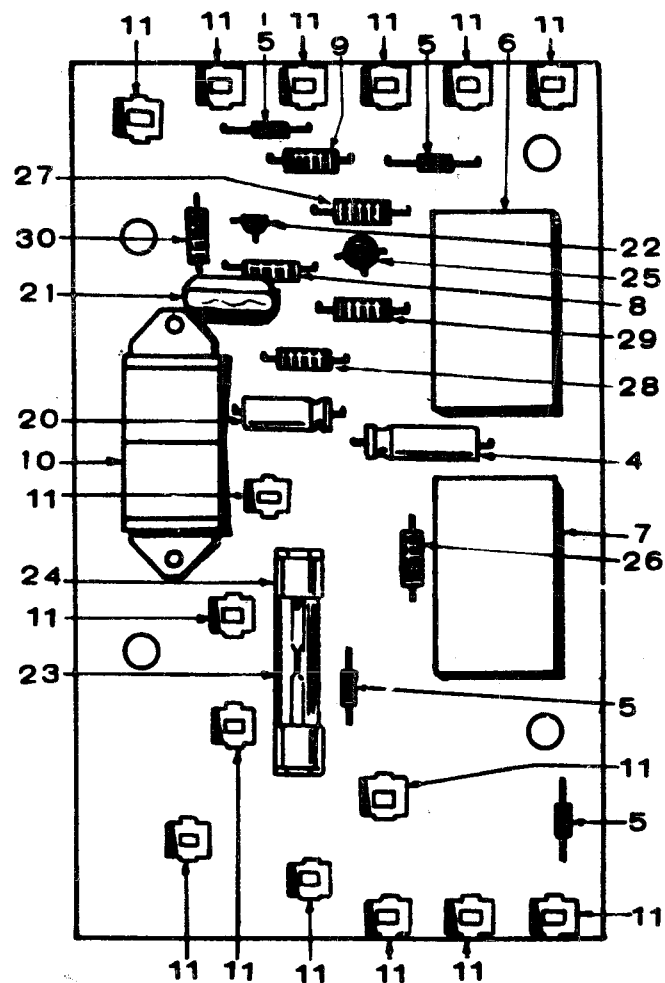


REMOTE CONTROL GROUP - OPTIONAL EQUIPMENT

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	300-0985	1	Control Assembly, Remote (Includes Parts Marked +)
2	301-3566	1	+Panel, Control
3	308-0341	1	*+Switch, Rocker
4	300-0986	1	Control Assembly, Deluxe Remote (Includes Parts Marked *)
5	359-0008	1	*Diode, Zener
6	301-3606	1	*Panel, Control
7	302-0885	1	*Meter, Running Time
8	302-0888	1	*Meter, Battery Voltage

+ - Included in 300-0985 Control Assembly.

* - Included in 300-0986 Control Assembly.



REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
3	300-1073	1	Control Assembly (Includes Parts Marked *)
4	356-0058	1	*Capacitor (100 Mfd., 25 VDC)
5	357-0004	4	*Rectifier, Silicon
6	307-1309	1	*Relay, Start Disconnect (Includes Dust Pad)
7	307-1308	1	*Relay, Engine Stop (Includes Dust Pad)
8	350-0524	1	*Resistor (100-Ohm, 1/2 Watt
9	350-0526	1	*Resistor (150-Ohm, 1/2 Watt
10	308-0320	1	*Switch
11	332-1511	15	*Tab, Stake
20	356-0046	1	*Capacitor (5 Mfd., 25 Volt)
21	355-0025	1	*Capacitor (.1 Mfd., 100 Volt
22	364-0017	1	*Rectifier, Gate Control (8 Amp., 30 Volt)
23	321-0181	1	*Fuse, 5 Amp
24	321-0163	2	*Clip, Fuse Holder
25	361-0006	1	*Transistor, Unijunction
26	350-0370	1	*Resistor (200-Ohm, 1/2 Watt)
27	350-0568	1	*Resistor (470 K Ohm, 1/2 Wat
28	350-0421	1	*Resistor (27 K Ohm, 1/2 Watt
29	350-0416	1	*Resistor (16 K Ohm, 1/2 Watt
30	350-0325	1	*Resistor (2.7 Ohm 1/2 Watt)

SUPPLEMENTARY INFORMATION

BASIC DIFFERENCES BETWEEN



MODEL 6.0 NH-IR/9000

and

MODEL 6.0 NH-IR/9500

(POWER DRAWER)

OPERATION _____ SAME AS COVERED IN 940-0315

PARTS _____ SAME AS COVERED IN 940-0315
EXCEPT AS INDICATED HEREIN

SERVICE _____ USE 940-0515 SERVICE MANUAL

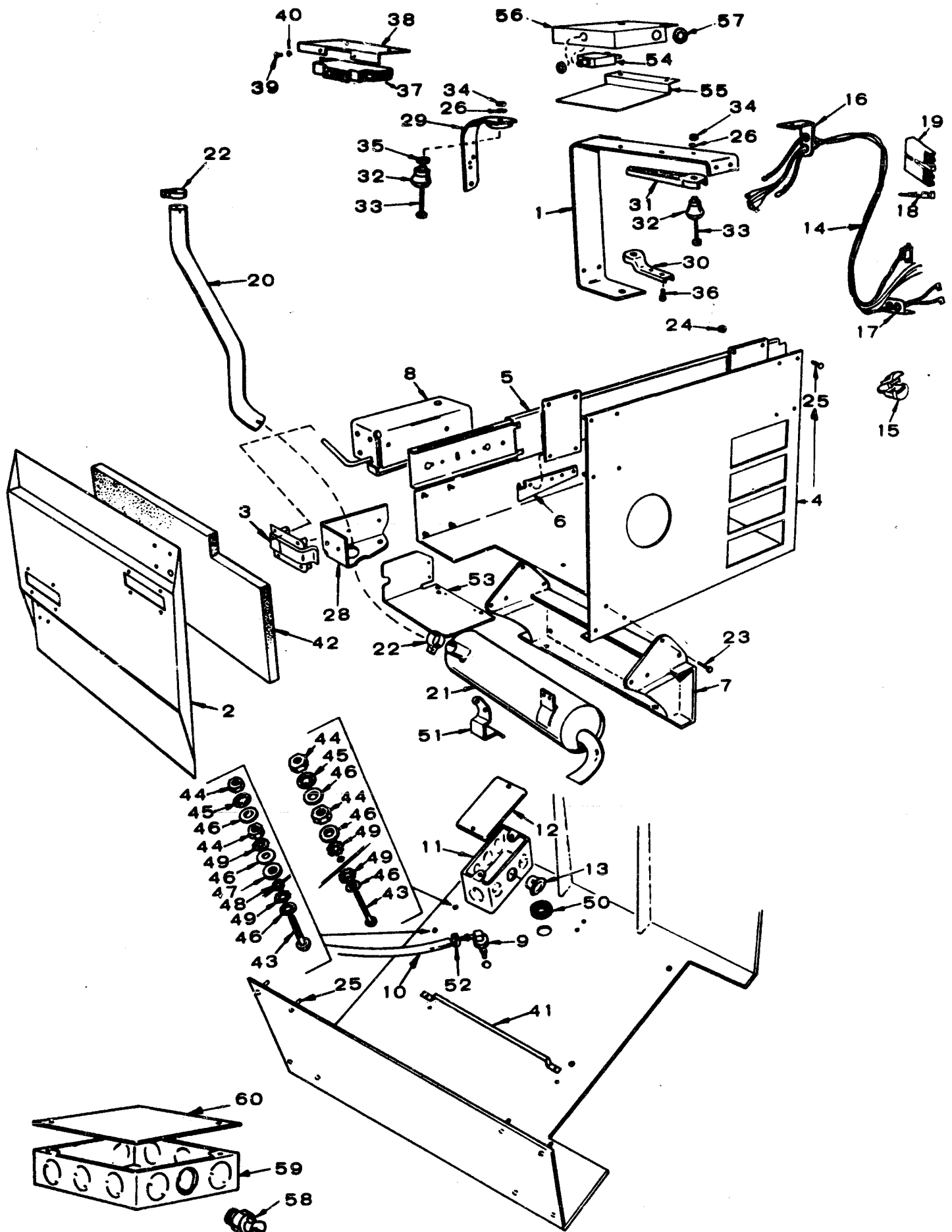
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1400 73RD AVENUE N.E. • MINNEAPOLIS, MINNESOTA 55432
A DIVISION OF ONAN CORPORATION

FORM NUMBER
940-1012

ISSUE DATE
2-76
(Spec A-H)

CHASSIS GROUP



CHASSIS GROUP

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	405-2024	1	Yoke, Generator Support
2	405-2021	1	Door, Slide Out
3	406-0369	2	Latch, Door
4	405-2023	1	Pan, Mounting Base
5	405-2000	2	Slide
6	405-1998	2	Bracket, Latch Strike
7	405-2022	1	Bracket, Set Mounting
8	405-2018	1	Bracket and Catch Assembly - Safety
9	502-0419	1	Connector Elbow - Fuel Line
10	HOSE, FUEL		
	503-0673	1	Spec A through D
	503-0716	1	Begin Spec E
11	330-0077	1	Box, Junction - Spec A through G
12	330-0004	1	Cover, Junction Box - Spec A through G
13	331-0027	1	Clamp, Junction Box - Spec A through G
14	HARNESS, WIRING - CHASSIS		
	338-0702	1	Spec A through D
	338-0751	1	Spec E through G
	338-0974	1	Begin Spec H
15	508-0179	4	Relief, Strain (Part of Wiring Harness)
16	301-3612	1	Bracket, Harness Mounting (Part of Wiring Harness)
17	301-3613	1	Bracket, Harness Mounting (Part of Wiring Harness)
18	332-1546	4	Contact, Connector (Part of Wiring Harness)
19	332-1545	1	Body, Connector (Part of Wiring Harness)
20	155-1245	1	Tube, Exhaust
21	155-1247	1	Muffler, Exhaust
22	155-1244	2	Clamp, Exhaust
23	821-0014	6	Screw (5/16-18 x 1/2") - Self Locking - Set Mounting Bracket to Base Pan
24	870-0212	15	Nut, Self Locking
25	826-0031	15	Screw (1/4-20 x 3/4")
26	850-0050	4	Washer, Lock - Generator Support Mounting (3/8")
28	405-2020	1	Bracket, Engine End - Left Side
29	403-1022	1	Foot Assembly, Engine Mounting - Right Side
30	232-2363	1	Support Generator - Left Side
31	232-2364	1	Support Generator - Right Side
32	402-0284	4	Cushion, Mount

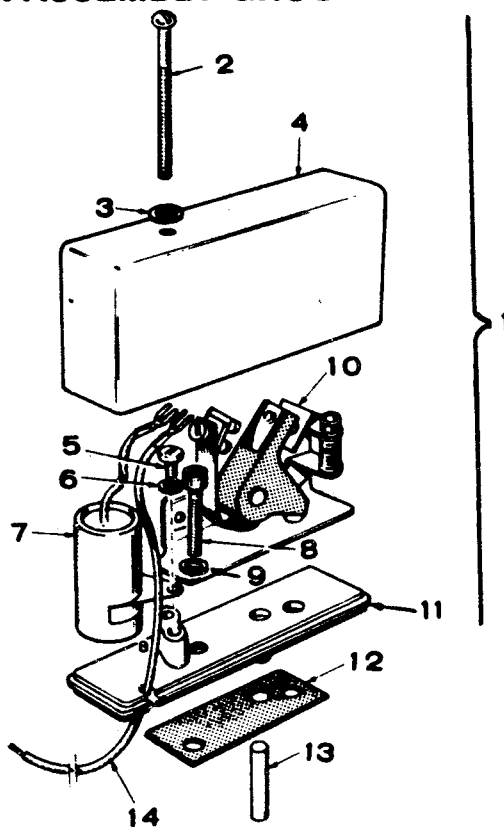
CHASSIS GROUP (Continued)

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
33	402-0412	4	Bolt, Cushion Mounting
34	870-0281	4	Nut, Self Locking - Cushion Mounting
35	402-0413	1	Spacer, Cushion Mounting - Engine End - Right Side
36	800-0051	4	Screw, Hex Cap - Generator Support (3/8-16 x 1-1/4")
37	320-0052	1	Breaker, Circuit - Spec A through F
38	405-2003	1	Bracket, Circuit Breaker Mounting - Spec A through F
39	812-0059	2	Screw, Round Head - Circuit Breaker Mounting (#6-32 x 1/4") - Spec A through F
40	850-0020	2	Washer, Lock - Circuit Breaker Mounting (#6) - Spec A through F
41	405-2007	1	Bracket, Fuel Line Return
42	405-2080	1	Insulation, Door
43	810-0181	2	Screw, Round Head Brass - Battery Cable Terminals (5/16-18 x 1-1/4")
44	871-0025	4	Nut, Hex Brass - Battery Cable Terminals (5/16-18)
45	854-0017	2	Washer, Internal Shakeproof - Battery Cable Terminals (5/16")
46	526-0054	7	Washer, Flat - Battery Cable Terminals (5/16")
47	508-0019	1	Washer, Fibre - Battery Cable Terminals (5/16")
48	508-0181	1	Washer, Fibre - Battery Cable Terminals (5/16")
49	856-0008	4	Washer, External-Internal Terminals (5/16")
50	GROMMET		
	508-0060	1	Battery Cable Through Pan
	508-0180	1	Harness Bracket (Part of Wiring Harness)
51	155-1246	1	Bracket, Muffler Mounting
52	503-0685	2	Clamp, Hose
53	405-2113	1	Guard, Mud
54	320-0549	1	Breaker, Circuit - Begin Spec G
55	301-3734	1	Box, Circuit Breaker Mounting - Begin Spec G
56	301-3735	1	Cover, Circuit Breaker Box - Begin Spec G
57	508-0068	1	Grommet, Circuit Breaker Box - Begin Spec G
58	331-0128	1	Connector, Compression - Flexible Conduit - Begin Spec H
59	330-0028	1	Box, Outlet - Begin Spec H
60	330-0006	1	Cover, Outlet Box - Begin Spec H

IGNITION GROUP (Not Illustrated)

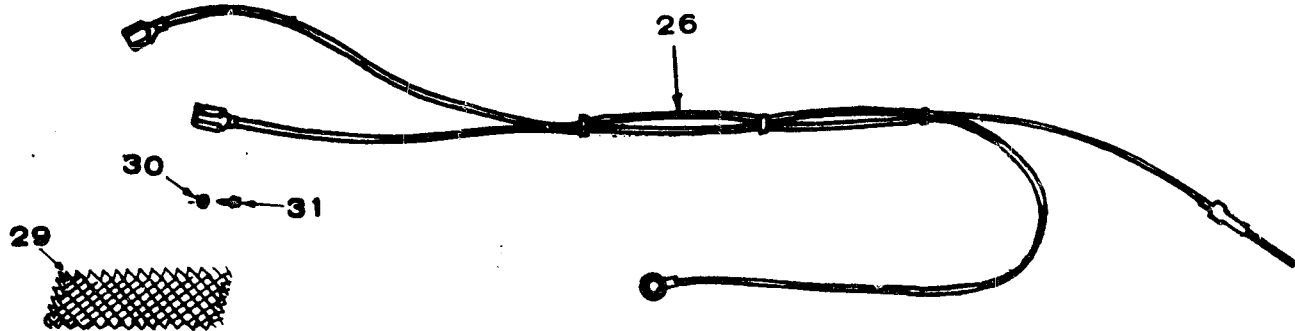
REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
13	BREAKER BOX ASSEMBLY		
	160-1158	1	Spec A through G (Includes Parts Marked * in Parts Catalog)
	160-1210	1	Begin Spec H (See Separate Group for Components)

BREAKER BOX ASSEMBLY GROUP - BEGIN SPEC H



REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	160-1210	1	Box Assembly, Breaker (Includes Parts Marked *)
2	812-0108	1	*Screw, Machine - Round Head (#10-24 x 1-1/2")
3	526-0008	1	*Washer, Flat (13/64" ID x 7/16" OD x 1/32" Thk)
4	160-1176	1	*Cover, Breaker Box
5	815-0358	1	*Screw, Tapping - Hex Head (#8-32 x 5/16")
6	850-0025	1	*Washer, Lock - Spring (#8)
7	312-0196	1	*Capacitor, Ignition - 30 Mfd
8	802-0034	2	*Screw, Cap - Socket Head (1/4-20 x 3/4")
9	850-0038	2	*Washer, Lock - Spring (1/4)
10	160-1183	1	*Point Assembly, Breaker
11	160-1172	1	*Base, Breaker Box
12	160-1150	1	*Gasket, Breaker Box
13	160-1151	1	Plunger, Breaker Point Assembly
14	336-2378	1	Lead, Electrical - Coil to Breaker Points

GOVERNOR , STARTER , CHARGING ALTERNATOR AND BLOWER HOUSING GROUP



REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
8	191-1052	1	Starting Motor - Begin Spec G (See Separate Group for Components)
11	STATOR, CHARGING ALTERNATOR		
	191-0931	1	Spec A Through D
	191-1073	1	Begin Spec E
26	HARNESS, WIRING - ALTERNATOR		
	338-0709	1	Spec A Through D
	338-0752	1	Begin Spec E (Illustrated)
29	134-3034	1	Guard, Scroll Outlet
30	526-0012	2	Washer, Flat - Scroll Mounting - Steel (7/32" I. D. x 3/4" O.D. x 1/32" Thick)
31	815-0421	2	Screw, Hex Head Sheet Metal W/ET Washer (#10-16 x 1/2") Steel

GENERATOR GROUP (Not Illustrated)

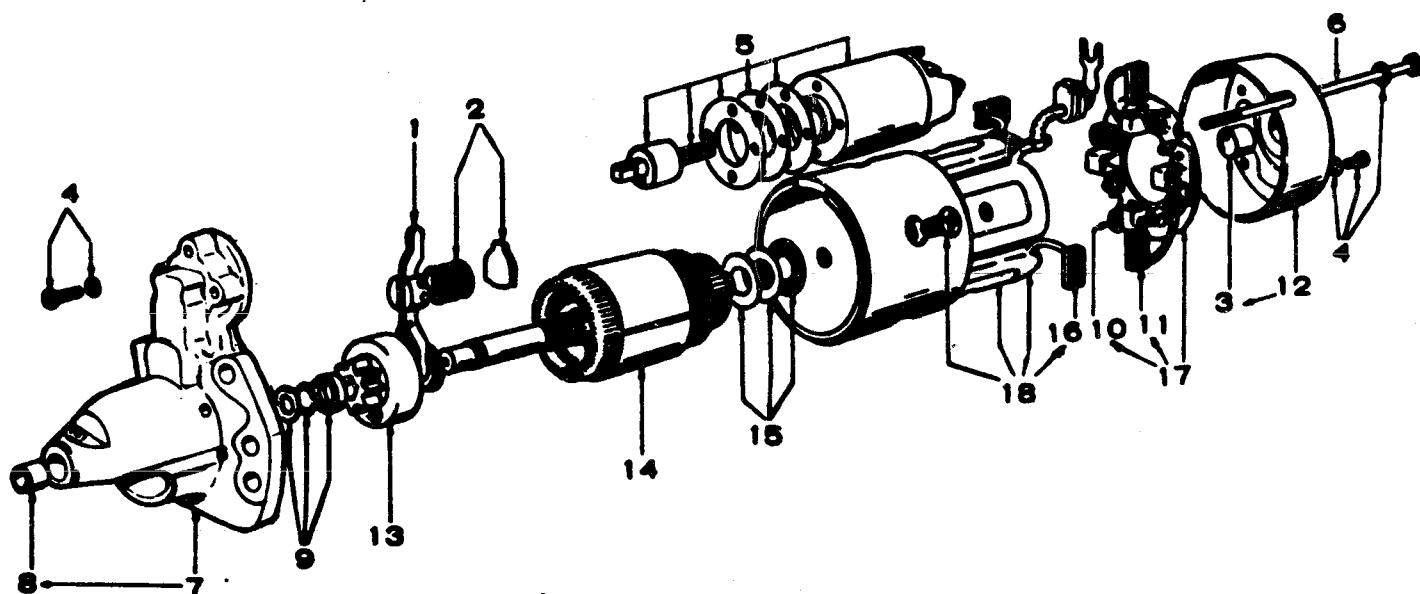
REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
9	ARMATURE ASSEMBLY, WOUND (Includes Bearing and Collector Ring)		
	201-1987	1	*Spec A through F
	201-1989	1	Begin Spec G
12	FRAME AND STATOR, WOUND		
	220-1858	1	*Spec A through F
	220-1860	1	Begin Spec G
17	REACTOR, COMPOUNDING		
	315-0378	1	Spec A through F
	315-0409	1	Begin Spec G

* - No longer available; order both 201-1989 and 220-1860 for replacement.

FUEL SYSTEM GROUP (Not Illustrated)

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
36	154-1572	1	Flange, Exhaust Outlet

STARTER MOTOR PARTS GROUP - BEGIN SPEC G



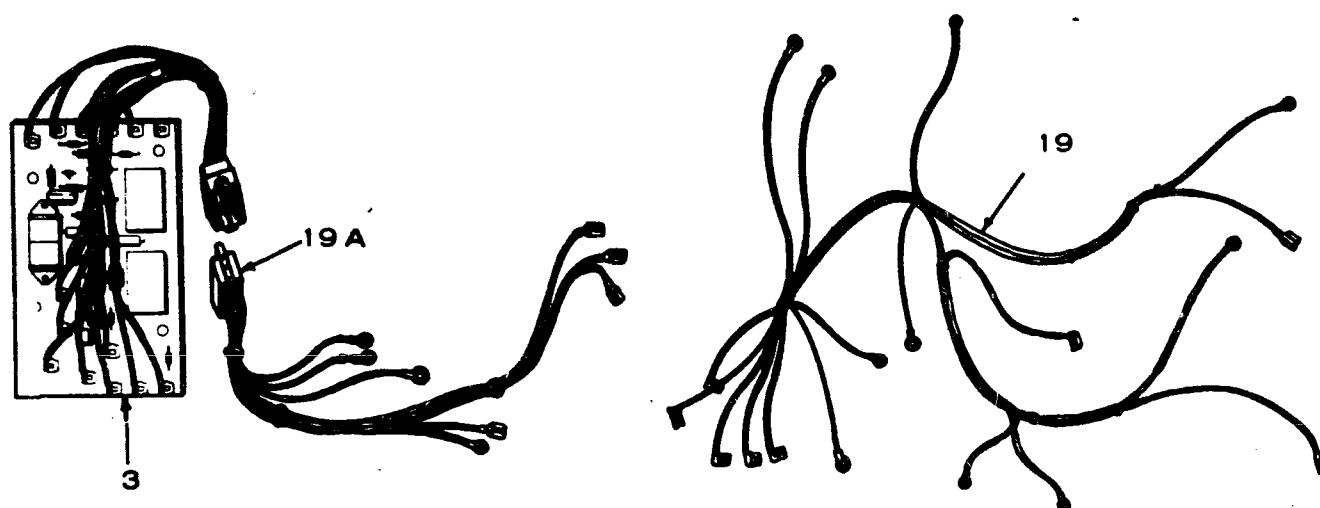
REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
	191-1052	1	Motor, Starting - Complete
1	191-0983	1	Lever Assembly
2	191-0984	1	Spring Set
3	191-1010	1	Bearing, Rear Bracket Assembly
4	191-1011	1	Screw Set
5	191-0987	1	Switch Assembly
6	191-0988	2	Bolt, Through
7	191-1086	1	Bracket Assembly, Front (Includes Bearing)
8	191-0971	1	Bearing, Front Bracket
9	191-0991	1	Stopper Set, Pinion
10	191-1007	4	*Spring, Brush
11	191-1008	2	*Brush, Negative
12	191-1009	1	Bracket Assembly, Rear (Includes Bearing)
13	191-1087	1	Clutch Assembly
14	191-1088	1	Armature
15	191-0997	1	Washer Set
16	191-1005	2	Brush, Positive
17	191-1006	1	Holder Assembly, Brush (Includes Parts Marked *)
18	191-1089	1	Field Coil Set (Includes Positive Brushes)

* - Parts Included in 191-1006 Brush Holder Assembly.

CRANKSHAFT, FLYWHEEL, CAMSHAFT AND PISTON GROUP (Not Illustrated)

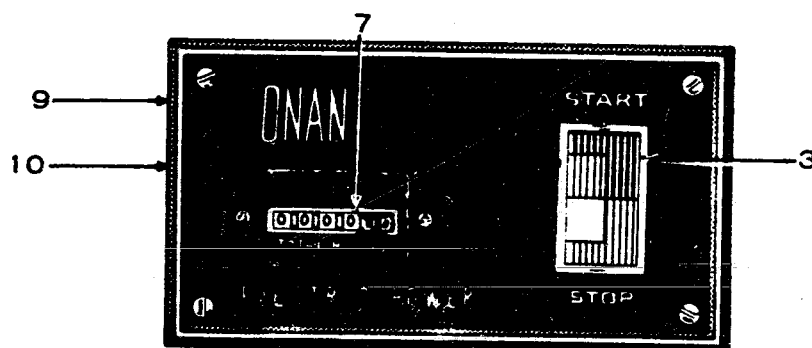
REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
8	515-0098	1	Key, Flywheel Mounting - Begin Spec G
18	104-0867	1	Crankshaft - Begin Spec G

CONTROL GROUP



REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
3	CONTROL BOARD (Includes Parts Marked * in Parts Catalog) 300-1073	1	Without Wiring Harness - Spec A Through D
	300-1074	1	With Wiring Harness - Begin Spec E (Illustrated)
19	338-0697	1	Harness, Wiring - Control to Engine (Spec A Through D)
19A	338-0753	1	Harness, Wiring - Control to Engine (Begin Spec E)

REMOTE STARTING CONTROL GROUP - OPTIONAL EQUIPMENT



REF. NO.	PART NO.	QTY. USED.	PART DESCRIPTION
3	308-0341	1	Switch, Rocker
7	302-0885	1	Meter, Time Totalizing
9	300-1131	1	Control Assembly, Deluxe Remote (Includes Rocker Switch, Time Totalizing Meter and 301-3776 Panel)
10	301-3776	1	Panel, Control

SPECIAL PARTS LIST FOR **MODEL** 6.0NH-1R **SPEC** 9000 A
FOR STANDARD PARTS REFER TO **CATALOG** 940-0315 **KEY NO.**
(PARTS CATALOG ALSO CONTAINS COMPONENTS FOR MAJOR OPTIONAL FEATURES LISTED BELOW)
WIRING DIAGRAM NO. 611-1094-01

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
		Standard Model Motor Home Power Drawer Refer to Supplement 940-1012			

SPECIAL PARTS LIST FOR **MODEL** 6.0NH-1R **SPEC** 9000 H
FOR STANDARD PARTS REFER TO **CATALOG** 940-0315 **KEY NO.**
(PARTS CATALOG ALSO CONTAINS COMPONENTS FOR MAJOR OPTIONAL FEATURES LISTED BELOW)
WIRING DIAGRAM NO. 611-1019-01

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
Standard Model Motor Home Power Drawer Refer to Supplement 940-1012					

SPECIAL PARTS LIST FOR **MODEL** 6.0NH-1R **SPEC** 9500 A
FOR STANDARD PARTS REFER TO **CATALOG** 940-0315 **KEY NO.**
(PARTS CATALOG ALSO CONTAINS COMPONENTS FOR MAJOR OPTIONAL FEATURES LISTED BELOW)

WIRING DIAGRAM NO. 611-1094-01

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
Motor Home Power Drawer					
155-1269	1	Bracket, Muffler Mounting			
122-0322	1	Adapter, Oil Filter			
502-0196	1	Elbow, Low Oil Pressure			
191-1207	1	Shield, Solenoid			
167-1595	1	Cable, Spark Plug - Resistor			
167-1596	1	Cable, Spark Plug - Resistor			
201-1989	1	Armature Assembly, Generator			
220-1860	1	Frame and Stator, Wound			